

Standard Operating Procedure

For

Environmental Justice Grievance Procedure: Procedure For Filing Complaints Alleging Discrimination On The Basis Of Race, Color, National Origin, Disability, Age Or Sex Under 40 C.F.R. Parts 5 And 7

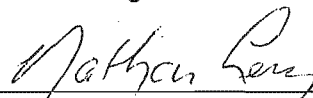
Revision 0

Louisiana Department of Environmental Quality (LDEQ)

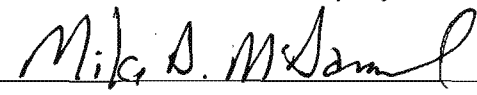
Office of the Secretary

Louisiana Department of Environmental Quality

Development Team: Nathan Levy
Roger Ward

Lead Developer:  Date: 3-29-07
Nathan Levy, Ombudsman

Approved by:  Date: 3-29-07
Karen K. Gautreaux, Deputy Secretary

Approved by:  Date: 3-29-07
Mike D. McDaniel, Ph.D., Secretary

Please Note: The official version of this document is maintained on the LDEQ Intranet. Copies, whether in electronic or printed form, are not official and should be verified for currency against the official

document on the Intranet. The Control Header of the SOP will be used for comparison to the official document.

Document Review and Revision Record

Note: Actions older than 5 years may be removed from this record

Approval Date	Revision No.	Record of Activity
3-29-07	0	Initial document approved.

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1.0 Purpose / Applicability

This grievance procedure is intended to address allegations of discrimination by actions or activity of this agency on the basis of:

- Race;
- Color;
- National origin;
- Religion;
- Disability;
- Income;
- Age; or
- Gender.

This document, in compliance with 40 C.F.R. §§ 5.135 and 7.90, provides a step-by-step procedure for filing a timely complaint to the proper authority and describes the process that will be used to investigate and resolve the complaint. However, these procedures do not apply to administrative actions which are being pursued in another forum.

2.0 Procedure

Submission of a Complaint

A. Filing of Complaint of Discrimination:

A person (or the authorized representative of a person) who believes that he or she or a class of persons has been discriminated against may file a complaint with the LDEQ Ombudsman.

- (1) All written complaints shall be submitted to the following address:
Ombudsman
Louisiana Department of Environmental Quality
Post Office Box 4301
Baton Rouge, Louisiana 70821-4301
- (2) In cases where the complainant is unable or incapable of providing a written statement, but wishes the Ombudsman to investigate alleged discrimination, a verbal complaint of discrimination may be made to LDEQ by calling the Ombudsman at 225-219-3956. The complainant will be interviewed by the Ombudsman and if necessary, the Ombudsman will document the verbal complaint in writing. All complaints must, however, be signed by the complainant or his/her representative.

B. Complaint Format

- (1) The complaint should:
 - a. be in writing;

- b. be filed within 90 days of an alleged violation (except as otherwise indicated in the following paragraph);
- c. describe with specificity the action(s) by LDEQ that allegedly result in discrimination in violation of 40 C.F.R. Part 7;
- d. describe with specificity the discrimination that allegedly has occurred or will occur as the result of such action(s); and
- e. identify the parties impacted or potentially impacted by the alleged discrimination.

The LDEQ Ombudsman may request additional information from the complainant, if this information is needed to meet the complaint requirements described above. The LDEQ may waive requirement B.1.b at its discretion, if the complainant can demonstrate that the failure to file was based on "good cause." If the complainant wishes to request a waiver, the complainant must submit a detailed description explaining why the complainant failed to file the complaint with 90 days of the alleged act(s) of discrimination.

- (2) Within 10 days of receiving a written complaint, LDEQ will provide the complainant with written notice of receipt. At this time, LDEQ may request any additional information needed to meet the complaint requirements above. Within 10 days of receiving any additional information, LDEQ will provide the complainant with written notice that the complaint is complete.

C. Determination of Jurisdiction and Investigative Merit

The Ombudsman, based on information in the complaint and other information available, will determine if it has jurisdiction to pursue the matter and whether the complaint has sufficient merit to warrant an investigation. A complaint shall be regarded as meriting investigation unless:

1. It clearly appears on its face to be frivolous or trivial;
2. Within the time allotted for making the determination of jurisdiction and investigative merit, LDEQ voluntarily concedes noncompliance and agrees to take appropriate remedial action or reaches an informal resolution with the complainant;
3. Within the time allotted for making the determination of jurisdiction and investigative merit, the complainant withdraws the complaint; or
4. It is not timely and good cause does not exist for waiving the timing requirement under section B.1.b.

Investigation

If the Ombudsman accepts the complaint, the Ombudsman will investigate the allegation(s). After examining all of the information in light of the requirements in 40 C.F.R. Parts 5 and 7, the Ombudsman will draft a report with findings and recommendations.

A. Request for Additional Information from Complainant.

In the event that the complainant has not submitted sufficient information to make a determination of jurisdiction or investigative merit, the Ombudsman may request additional information. This request shall be made within 15 working days of the receipt of the complaint by the Ombudsman and will require that the party submit the information within 60 working days from the date of the original request. Failure of the complainant to submit additional information within the designated timeframe may be considered good cause for determination of no investigative merit.

B. Request for Information Involving Third Party Entities.

In the case of complaints involving third party entities, e.g., a sub-recipient, permit applicant or permittee, the Ombudsman will notify the third party that the complaint has been received, no later than the time of the written notice provided to a complainant that the complaint is complete. At such time, the Ombudsman will ask the third party entity to provide information necessary for the Ombudsman to investigate the complaint. The Ombudsman will use the information provided by the third party entity and the complainant in resolving the complaint.

Disposition of Complaints

Within 180 days of accepting the complaint, the Office of the Secretary will issue a written decision approving or disapproving the findings and recommendation made in the investigative report. The agency will implement any recommendations approved by the Secretary of the Department. The consequent disposition of the complaint will be communicated to the complainant in writing.

In addition, complaints may be filed in accordance with 40 C.F.R. Parts 5 and 7 with the U.S. EPA, Office of Civil Rights, 1200 Pennsylvania Avenue, N.W., Mail Code 1201A, Washington, DC 20460-1000, instead of or following the LDEQ grievance process.

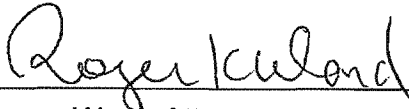
Standard Operating Procedure
for
RESPONDING TO TITLE VI ADMINISTRATIVE COMPLAINTS


Revision 1

Legal Division

Office of the Secretary

Louisiana Department of Environmental Quality

Lead Developer:  Date: 07/13/2007
Roger Ward, Attorney

Approved by:  Date: 7/25/07
Louis Buatt, General Counsel

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Document Review and Revision Record

Note: Actions older than 5 years may be removed from this record

Approval Date	Revision No.	Record of Activity
2/06/2001	0	Initial document approved.
10/17/2005	1	Reviewed for legal accuracy and compliance with the Title VI Settlement Agreement between the LDEQ and the U.S. EPA Office of Civil Rights-Legal Affairs Division
2/15/2007	2	Reviewed and updated in new format
7/13/07	3	Revised to include EPA-suggested documents in the reference section

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1.0 Definitions / Acronyms / Abbreviations

Title VI means Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. § § 2000d to 2000d-7).

2.0 Introduction

As a recipient of Federal funding, the Louisiana Department of Environmental Quality (LDEQ) is required to adhere to Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. §§2000d to 2000d-7). Title VI provides that "no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance." Title VI itself prohibits *intentional* discrimination.¹

Under the United States Environmental Protection Agency's (EPA)'s Title VI implementing regulations found at 40 C.F.R. Part 7, EPA-funded agencies are prohibited from taking acts, including permitting actions, that are intentionally discriminatory or have a discriminatory *effect* based on race, color, or national origin.

Any person who believes that the LDEQ violated Title VI may file a complaint against the LDEQ with the United States EPA within 180 days of the alleged Title VI prohibited activity, although EPA may extend the delays for filing the Title VI complaint upon a finding of "good cause." To file an administrative complaint with the EPA, a complainant need only submit a simple letter alleging that a recipient of Federal funding is engaging in discriminatory practices. No legal formalities are required. Additionally, the LDEQ has developed a written procedure for filing complaints alleging discrimination on the basis of race, color, national origin, disability, age or sex under 40 C.F.R. Parts 5 and 7. This procedure is incorporated by reference into this Standard Operating Procedure and is provided as an attachment.

The EPA Office of Civil Rights is charged with the responsibility of processing and investigating all Title VI administrative complaints filed with the U.S. EPA. Procedures for processing and investigating Title VI complaints are provided in 40 C.F.R. Part 7.

As the target of the Title VI complaint, there are several procedures that the LDEQ should routinely and consistently follow upon receipt of official notification that a Title VI complaint has been lodged against it with the U.S. EPA. The purpose of the present standard operation procedure is to record these procedures.

¹ In addition to Title VI, the LDEQ adheres to other laws addressing nondiscrimination, including, but not limited to, section 504 of the Rehabilitation Act of 1973, Title IX of the Education Amendments of 1972, The Age Discrimination Act of 1975, and EPA's nondiscrimination regulations found at 40 C.F.R. part 5 and 7.

3.0 Personnel Qualifications

Coordination of responding to Title VI complaints shall be a joint effort of the Ombudsman, the Director of Human Resources, and a staff attorney familiar with the Title VI and other nondiscrimination laws.

4.0 Procedure for Responding to Title VI Administrative Complaints

- 4.1 Send Written Response to U.S. EPA Office of Civil Rights within 30 days of receipt of the complaint [40 C.F.R. §7.115(b)]. If the U.S. EPA finds that the complaint states a valid claim, it accepts the complaint for investigation. It then notifies the LDEQ of the complaint via letter to the Secretary. Although a response is not required under law, the LDEQ should forward a short letter to U.S. EPA Office of Civil Rights within 30 days of receipt of the complaint. The letter should acknowledge receipt of complaint, indicate that LDEQ takes seriously its obligations under Title VI, and, if appropriate, deny the allegations contained in the complaint based on insufficient information to justify a reasonable belief therein. Denial serves two purposes. It protects the LDEQ's procedural rights and allows the LDEQ more time to investigate sua sponte the allegations contained in the complaint.
- 4.2 Forward copy of complaint to and request assistance from Division of Legal Affairs. Since Title VI complaints can potentially end up before the courts, an attorney should be assigned to work with the LDEQ Ombudsman, who is responsible for coordinating the LDEQ's Title VI compliance efforts. When forwarding complaint to Legal Affairs, request that an attorney be assigned to the matter.
- 4.3 Forward copy of complaint to and request assistance from Community-Industry Relations (Environmental Justice) Coordinator (if appropriate). Because Title VI complaints often allege intentional discrimination and/or discriminatory effect on the basis of race, color, or national origin, Environmental Justice issues are triggered.
- 4.4 Advise appropriate assistant secretary, supervisor, Human Resources Director, and other staff of existence of complaint. Notify any DEQ employee who may be called upon to provide information to investigators about the alleged Title VI violation.
- 4.5 Review written record for evidence in support of or to refute allegations contained in Title VI complaint. Review all documents in the public record including permit application, public hearing transcripts, internal and external correspondence, record of decision, and all other documentation relative to the Title VI complaint to determine whether there has been any intentional discrimination and/or discriminatory effect based on race, color or national origin, religion, disability, income, age, or gender. Consult U.S.

EPA Title VI guidance documents, U.S. EPA Office of Civil Rights Title VI decisions, case law, and other relevant materials when analyzing record. If feasible, meet with complainant(s) to gather additional information. In addition, have LDEQ Geographic Information Systems (GIS) staff prepare a census data inclusive map of the subject area.

- 4.6 Meet with assigned attorney, Community-Industry Relations Coordinator (if appropriate), Human Resource Director and other staff involved to review findings.
- 4.7 Prepare to assist U.S. EPA Office of Civil Rights with the Title VI investigation. Pursuant to 40 C.F.R. Part 7, U.S. EPA is responsible for investigating the Title VI complaint. LDEQ's plays little actual role in the Title VI investigation. However, by preparing to respond to U.S. EPA inquiries, the LDEQ can help expedite the investigation. To facilitate the investigation, it is necessary to be prepared to respond to all written and oral inquiries in a manner that is timely, courteous, and consistent with LDEQ policy and the Louisiana Public Records Doctrine.
- 4.8 Keep Secretary and/or appropriate Assistant Secretary abreast of investigation status.
- 4.9 Additionally, the LDEQ has developed a written procedure for filing complaints alleging discrimination on the basis of race, color, national origin, disability, age or sex under 40 C.F.R. Parts 5 and 7. This procedure is incorporated by reference into this Standard Operating Procedure and is provided as an attachment. All investigations of discrimination complaints undertaken under this SOP are to follow procedures set forth in this procedure.

5.0 Records Management

Records on Title VI Complaints shall be maintained by the Ombudsman in accordance with established records management procedures.

6.0 Quality Control / Quality Assurance

The agency may be audited to determine the level of compliance with this procedure.

7.0 SOP Review / Revision / Approval

This SOP will be reviewed annually by a member of the legal staff in consultation with the Ombudsman and the Director of Human Resources. EPA Region VI also may be consulted.

8.0 References

Title VI of the Civil Rights Act of 1964 (42 U.S.C. Sections 2000d to 2000d-7)

40 C.F.R. Part 7

Executive Order 12898, "Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations." Executive Order 12898 generally calls on each Federal agency to achieve "environmental justice ... by identifying and addressing, as appropriate, disproportionately high and adverse human health or environmental effects of its programs, policies, and activities on minority populations and low-income populations"

The Use of the Disparate Impact Standard in Administrative Regulations under Title VI of the Civil Rights Act of 1964". (U.S. Attorney General Memorandum, July 14, 1992)

Draft Title VI Guidance for EPA Assistance Recipients Administering Environmental Permitting Programs ("Draft Recipient Guidance"). The *Draft Recipient Guidance* was written at the request of the states and is intended to offer suggested to assist state and local recipients in developing approaches and activities to address potential Title VI concerns.

Draft Revised Guidance for Investigating Title VI Administrative Complaints Challenging Permits ("Draft Revised Investigation Guidance". This guidance document describes a framework for OCR's processing of complaints that allege discrimination in the environmental permitting context.

How to File a Title VI Complaint (Flowchart).

Information on EPA's Title VI Investigative Approaches

Informal Resolution of Civil Rights Complaints

The Law of Environmental Justice: Theories and Procedures to Address Disproportionate Risks, Michael B. Gerrard, ed., (Chicago, American Bar Association, 1999.

Louisiana Department of Environmental Quality's Procedure for Filing Complaints Alleging Discrimination on the Basis of Race, Color, National Origin, Disability, Age or Sex under 40 C.F.R. Parts 5 and 7/

Final Title VI Public Involvement Guidance for EPA Assistance Recipients Administering Environmental Permitting Plans (Recipient Guidance) Federal Register, Vol. 69, No.112, p.35602.

Guidance to Environmental Protection Agency Financial Assistance Recipients
Regarding Title VI Prohibition Against National Origin Discrimination Affecting Limited
English Proficient Persons (LEP Guidance) Federal Register, Vol. 71, No. 54, p. 14217.

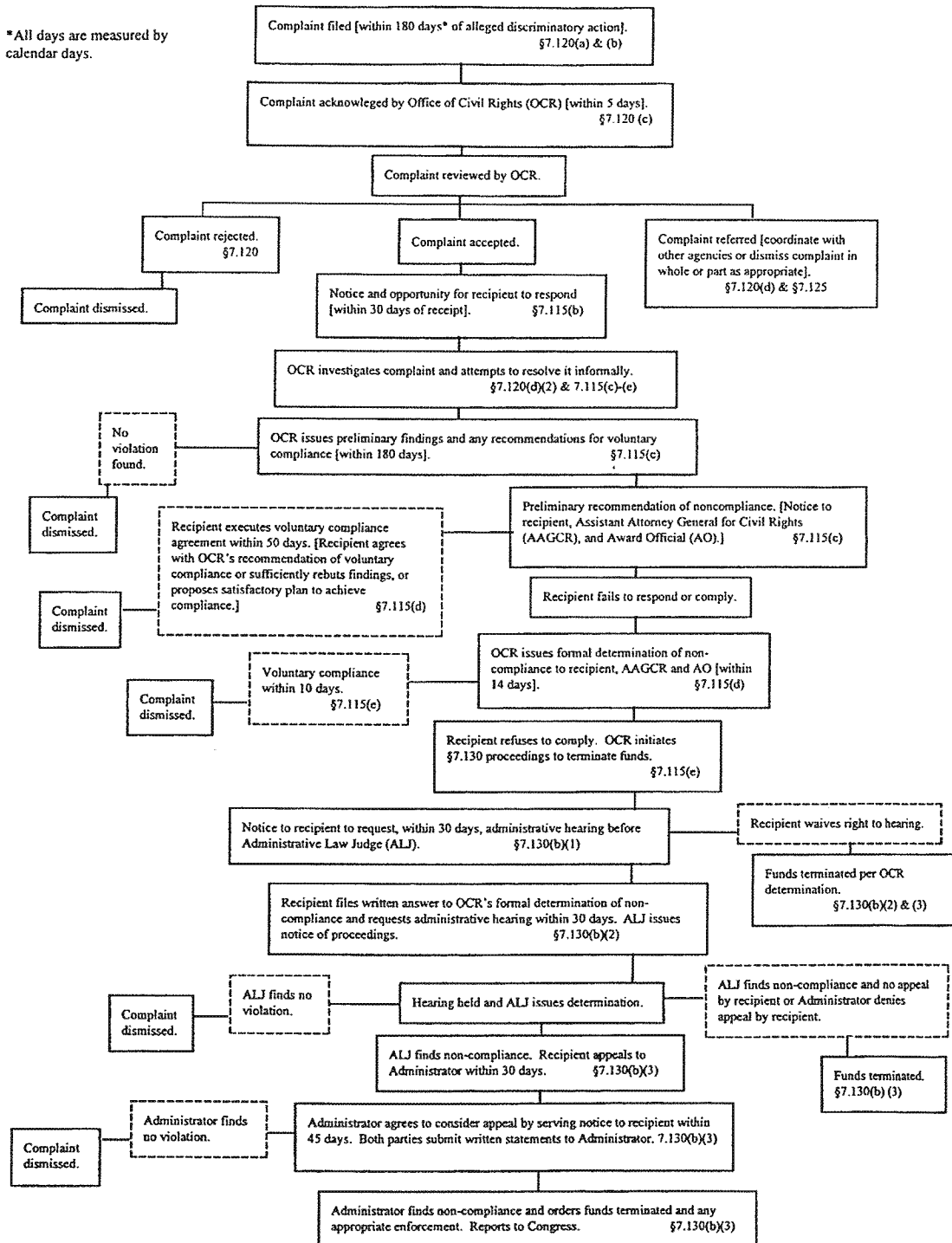
9.0 Attachments

Title VI Flowchart

APPENDIX B: TITLE VI COMPLAINT PROCESS FLOW CHART

Title VI Complaint Process
40 CFR Part 7

*All days are measured by calendar days.





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

COGNIZANT AGENCY
NEGOTIATION AGREEMENT

Page 1 of 2

State of Louisiana
Department of Environmental Quality
Baton Rouge, Louisiana

Date: December 2, 2021

Filing Ref: December 30, 2020

The indirect cost rates contained herein are for use on grants and contracts with the Federal Government to which 2 CFR Part 200 applies, subject to the limitations in Section II, A below.

SECTION I: RATES

<u>Type</u>	<u>Effective Period</u>		<u>Rate</u>	<u>Base</u>	<u>Location</u>	<u>Applicable To</u>
	<u>From</u>	<u>To</u>				
Fixed	7/1/2022	6/30/2023	62.09%	(a)	All	All Programs

Basis for Application

(a) Direct salaries and wages and fringe benefits.

Treatment of Fringe Benefits: Fringe benefits applicable to direct salaries and wages are treated as direct costs and charged in accordance with rates established by the State.

SECTION II: GENERAL

A. LIMITATIONS: The rates in this Agreement are subject to any statutory and administrative limitations and apply to a given grant, contract or other agreement only to the extent that funds are available. Acceptance of the rates is subject to the following conditions: (1) Only costs incurred by the department/agency or allocated to the department/agency by an approved cost allocation plan were included in the indirect cost pool as finally accepted; such costs are legal obligations of the department/agency and are allowable under governing cost principles; (2) The same costs that have been treated as indirect costs have not been claimed as direct costs; (3) Similar types of costs have been accorded consistent accounting treatment; and (4) The information provided by the department/agency which was used to establish the rates is not later found to be materially incomplete or inaccurate by the Federal Government. In such situations the rate(s) would be subject to renegotiation at the discretion of the Federal Government.

CHANGES. The fixed rate contained in this agreement is based on the organizational structure and the accounting system in effect at the time the proposal was submitted. Changes in the organizational structure or changes in the method of accounting for costs which affect the amount of reimbursement resulting from use of the rate in this agreement, require the prior approval of the authorized representative of the responsible

negotiation agency. Failure to obtain such approval may result in subsequent audit disallowances.

C. THE FIXED RATE contained in this agreement is based on an estimate of the cost which will be incurred during the period for which the rate applies. When the actual costs for such a period have been determined, an adjustment will be made in the negotiation following such determination to compensate for the difference between the cost used to establish the fixed rate and that which would have been used were the actual costs known at the time.

D. NOTIFICATION TO FEDERAL AGENCIES: Copies of this document may be provided to other Federal agencies as a means of notifying them of the agreement contained herein.

E. SPECIAL REMARKS: Federal awards should not be charged directly for Operating Expenses. These costs are recovered through the indirect cost rate in Section I. Please confirm your acceptance of the terms of the indirect cost rate agreement by signing and returning this letter to me. Please retain a copy for your records.

ACCEPTANCE

The undersigned official warrants that he/she has the proper authority to execute this agreement on the behalf of the State Agency:

By the Federal Agency:



Signature

Theresa Delafosse

Name

Acct Admin 4

Title

LA Dept. of Environ. Qual.

Agency

12/6/2021

Date

JACQUELINE
SMITH

Digitally signed by JACQUELINE
SMITH
Date: 2021.12.02 15:19:08 -05'00'

Signature

Jacqueline Smith, Rate Negotiator
National Policy, Training and
Compliance Division
U.S. Environmental Protection Agency

Negotiated by: Jacqueline Smith
Telephone: (202) 564-5055

Clean Air Excellence Award

The U.S. Environmental Protection Agency recognizes

TLC Ambient Air Monitoring Program

and the Louisiana Department of Environmental Quality for outstanding, innovative efforts in improving air quality through community action. This exceptional achievement demonstrates a true commitment to obtaining cleaner air and protecting the environment.

We wish you continued success in achieving environmental excellence.



*Andrew R. Wheeler
Administrator*



January 12, 2021
Date

EPA Form 4700

Question VII (a)

We do accommodate for this based on anti-discrimination and reasonable access requirements found in both state and federal law. If a person were to request an accommodation for these reasons, we would, as a public agency, grant the accommodation. Hearing impaired issues are overseen by the Louisiana Commission for the Deaf.

Below are links for State law that is followed:

Louisiana Blind/Visual Impairment Resources:

[HYPERLINK "<https://www.bie.edu/sites/default/files/documents/idc-008239.pdf>"]

State Library of Louisiana:

[HYPERLINK "<https://www.state.lib.la.us/special-services/talking-books-and-braille-library/disability-resources>"]

Question VIII

As a department our HR maintains demographics of our employees but the below link provides the demographics for the State of Louisiana which is the population that we serve.

2021 Demographics for Louisiana:

[HYPERLINK "<http://www.brcitykey.com/demographicdata?id=21§ionId=935>"]

Question XI

Karyn Andrews is the Undersecretary and she physically signs the grant application. Once she signs the application, I submit the application and forms into grants.gov. I am not able to edit or see the signature or the title on this form for grants.gov. When I submit it is automatically populates by grants.gov.



EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name:	Prefix:	<input type="text"/>	First Name:	<input type="text" value="Karyn"/>	Middle Name:	<input type="text"/>
	Last Name:	<input type="text" value="Andrews"/>			Suffix:	<input type="text"/>
Title:	<input type="text" value="Undersecretary"/>					
Complete Address:						
Street1:	<input type="text" value="P. O. Box 4303"/>					
Street2:	<input type="text"/>					
City:	<input type="text" value="Baton Rouge"/>	State:	<input type="text" value="LA: Louisiana"/>			
Zip / Postal Code:	<input type="text" value="70821-4303"/>	Country:	<input type="text" value="USA: UNITED STATES"/>			
Phone Number:	<input type="text" value="225-219-3865"/>			Fax Number:	<input type="text"/>	
E-mail Address:	<input type="text" value="karyn.andrews@la.gov"/>					

Payee: *Individual authorized to accept payments.*

Name:	Prefix:	<input type="text"/>	First Name:	<input type="text" value="Trenderlyn"/>	Middle Name:	<input type="text"/>
	Last Name:	<input type="text" value="Chatman"/>			Suffix:	<input type="text"/>
Title:	<input type="text" value="Grants Accountant"/>					
Complete Address:						
Street1:	<input type="text" value="P. O. Box 4303"/>					
Street2:	<input type="text"/>					
City:	<input type="text" value="Baton Rouge"/>	State:	<input type="text" value="LA: Louisiana"/>			
Zip / Postal Code:	<input type="text" value="70821-4303"/>	Country:	<input type="text" value="USA: UNITED STATES"/>			
Phone Number:	<input type="text" value="225-219-3887"/>			Fax Number:	<input type="text"/>	
E-mail Address:	<input type="text" value="trenderlyn.chatman@la.gov"/>					

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name:	Prefix:	<input type="text"/>	First Name:	<input type="text" value="Fran"/>	Middle Name:	<input type="text"/>
	Last Name:	<input type="text" value="Falke"/>			Suffix:	<input type="text"/>
Title:	<input type="text" value="Accountant Manager"/>					
Complete Address:						
Street1:	<input type="text" value="P. O. Box 4303"/>					
Street2:	<input type="text"/>					
City:	<input type="text" value="Baton Rouge"/>	State:	<input type="text" value="LA: Louisiana"/>			
Zip / Postal Code:	<input type="text" value="70821-4303"/>	Country:	<input type="text" value="USA: UNITED STATES"/>			
Phone Number:	<input type="text" value="225-219-3864"/>			Fax Number:	<input type="text"/>	
E-mail Address:	<input type="text" value="fran.falke@la.gov"/>					

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** **First Name:** **Middle Name:**

Last Name: **Suffix:**

Title:

Complete Address:

Street1:

Street2:

City:

State:

Zip / Postal Code:

Country:

Phone Number:

Fax Number:

E-mail Address:

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: LA Department of Environmental Quality

Address: P. O. Box 4303

City: Baton Rouge

State: LA: Louisiana

Zip Code: 70821-4303

B. DUNS No. 809927056

II. Is the applicant currently receiving EPA Assistance? ☒ Yes ☐ No

III. List all civil rights lawsuits and administrative complaints pending against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None.

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that allege discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None.

V. List all civil rights compliance reviews of the applicant/recipient conducted by any agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None.

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R. 5.140 and 7.95)

☒ Yes ☐ No

a. Do the methods of notice accommodate those with impaired vision or hearing?

☐ Yes ☒ No

b. Is the notice posted in a prominent place in the applicant's offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?

☒ Yes ☐ No

c. Does the notice identify a designated civil rights coordinator?

☒ Yes ☐ No

VIII. Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or handicap of the population it serves? (40 C.F.R. 7.85(a))

☐ Yes ☒ No

IX. Does the applicant/recipient have a policy/procedure for providing access to services for persons with limited English proficiency? (40 C.F.R. Part 7, E.O. 13166)

☒ Yes ☐ No

- X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

Yes. See Attachment 2 in Other Attachments Form.

- XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or Internet Address for, or a copy of, the procedures.**

Yes. See Attachment 3 in Other Attachments Form

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official

Frances P Falke

B. Title of Authorized Official

Undersecretary

C. Date

03/25/2022

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statutes and EPA regulations.

A. *Signature of Authorized EPA Official

B. Title of Authorized Official

C. Date

*** See Instructions**

Instructions for EPA FORM 4700-4 (Rev. 06/2014)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.

Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973. The Executive Order 13166 (E.O. 13166) entitled; "Improving Access to Services for Persons with Limited English Proficiency" requires Federal agencies work to ensure that recipients of Federal financial assistance provide meaningful access to their LEP applicants and beneficiaries.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any entity, other than applicant, which will actually receive EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means any review assessing the applicant's and/or recipient's compliance with laws prohibiting discrimination on the basis of race, color, national origin, sex, age, or disability. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification. * Note: Signature appears in the Approval Section of the EPA Comprehensive Administrative Review For Grants/Cooperative Agreements & Continuation/Supplemental Awards form.

Other Attachment File(s)

* Mandatory Other Attachment Filename:

Add Mandatory Other Attachment

Delete Mandatory Other Attachment

View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment

Delete Optional Other Attachment

View Optional Other Attachment

Project Narrative File(s)

* **Mandatory Project Narrative File Filename:**

[Add Mandatory Project Narrative File](#)

[Delete Mandatory Project Narrative File](#)

[View Mandatory Project Narrative File](#)

To add more Project Narrative File attachments, please use the attachment buttons below.

[Add Optional Project Narrative File](#)

[Delete Optional Project Narrative File](#)

[View Optional Project Narrative File](#)

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2022

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Ambient Air Monitoring Project in St James, LA	66.034	\$	\$	\$ 479,958.00	\$	\$ 479,958.00
2.						
3.						
4.						
5. Totals		\$	\$	\$ 479,958.00	\$	\$ 479,958.00

Standard Form 424A (Rev. 7-97)
Prescribed by OMB (Circular A -102) Page 1

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
	Ambient Air Monitoring Project in St James, LA				
a. Personnel	\$ 79,640.00	\$	\$	\$	\$ 79,640.00
b. Fringe Benefits	41,062.00				41,062.00
c. Travel					
d. Equipment	211,992.00				211,992.00
e. Supplies					
f. Contractual	62,060.00				62,060.00
g. Construction					
h. Other	10,260.00				10,260.00
i. Total Direct Charges (sum of 6a-6h)	405,014.00				\$ 405,014.00
j. Indirect Charges	74,944.00				\$ 74,944.00
k. TOTALS (sum of 6i and 6j)	\$ 479,958.00	\$	\$	\$	\$ 479,958.00
7. Program Income	\$	\$	\$	\$	\$

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Prescribed by OMB (Circular A -102) Page 1A

SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program		(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8.	Ambient Air Monitoring Project in St James, LA	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
9.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
10.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
11.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
12. TOTAL (sum of lines 8-11)		\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>

SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
14. Non-Federal	\$ <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
15. TOTAL (sum of lines 13 and 14)	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT					
(a) Grant Program		FUTURE FUNDING PERIODS (YEARS)			
		(b)First	(c) Second	(d) Third	(e) Fourth
16.	Ambient Air Monitoring Project in St James, LA	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
17.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
18.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
19.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
20. TOTAL (sum of lines 16 - 19)		\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>

SECTION F - OTHER BUDGET INFORMATION	
21. Direct Charges: <input type="text"/>	22. Indirect Charges: <input type="text"/>
23. Remarks: <input type="text"/>	

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Standard Form 424A (Rev. 7- 97)
Prescribed by OMB (Circular A -102) Page 2

Application for Federal Assistance SF-424

* 1. Type of Submission:

- ☐ Preapplication
☒ Application
☐ Changed/Corrected Application

* 2. Type of Application:

- ☒ New
☐ Continuation
☐ Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received:

03/25/2022

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name:

La Department of Environmental Quality

* b. Employer/Taxpayer Identification Number (EIN/TIN):

72-0999270

* c. Organizational DUNS:

8099270560000

d. Address:

* Street1:

P.O. Box 4303

Street2:

* City:

Baton Rouge

County/Parish:

* State:

LA: Louisiana

Province:

* Country:

USA: UNITED STATES

* Zip / Postal Code:

70821-4303

e. Organizational Unit:

Department Name:

La Dept Environmental Quality

Division Name:

Office of Management & Finance

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:

Mrs.

* First Name:

Fran

Middle Name:

* Last Name:

Falke

Suffix:

Title: Accountant Manager

Organizational Affiliation:

* Telephone Number:

225-219-3864

Fax Number:

* Email:

fran.falke@la.gov

Application for Federal Assistance SF-424

* 9. Type of Applicant 1: Select Applicant Type:

A: State Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

* 10. Name of Federal Agency:

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.034

CFDA Title:

Surveys, Studies, Research, Investigations, Demonstrations, and Special Purpose Activities
Relating to the Clean Air Act

* 12. Funding Opportunity Number:

EPA-OAR-OAQPS-22-01

* Title:

Enhanced Air Quality Monitoring for Communities

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment

Delete Attachment

View Attachment

* 15. Descriptive Title of Applicant's Project:

Ambient Air Monitoring Project in St James Parish, LA

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

Application for Federal Assistance SF-424**16. Congressional Districts Of:**

* a. Applicant LA-006

* b. Program/Project La-a11

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment

Delete Attachment

View Attachment

17. Proposed Project:

* a. Start Date: 12/15/2022

* b. End Date: 12/15/2025

18. Estimated Funding (\$):

* a. Federal	479,958.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	479,958.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- ☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .
- ☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- ☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment

Delete Attachment

View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Ms. * First Name: Karyn

Middle Name:

* Last Name: Andrews

Suffix:

* Title: Undersecretary

* Telephone Number: 225-219-3845 Fax Number:

* Email: karyn.andrews@la.gov

* Signature of Authorized Representative: Frances P Falke * Date Signed: 03/25/2022

The St. Rose Community Air Monitor – The Transition After Commissioning

The Louisiana Department of Environmental Quality Presents

The St. Rose Community Air Monitor

The Transition After Commissioning

Friday, September 14, 2018 • 9:30 a.m.

St. Rose Monitor Location, 307 Adams Street, St Rose, LA 70087

A fixed air monitoring station has been established in the community of St. Rose at 307 Adams Street, with the cooperative efforts of community and environmental leaders and stakeholders, LDEQ, and local industry.

The continuous monitor began sampling for sulfur dioxide (SO₂) and hydrogen sulfide (H₂S) in May 2018. Canister samples are collected every 6 days and analyzed for the presence of volatile organic compounds (VOCs). The continuous monitoring data may be observed online at LDEQ's Air Monitoring Data & AIQ webpage, and historical emissions data may be viewed as far back as May 17, 2018. The air monitoring station will continue to collect data for approximately two years.

Access Monitoring Data
deq.louisiana.gov/page/st-rose
Monitor location and monitored constituents

Emissions Data
airquality.deq.louisiana.gov/Data
Select the St. Rose Site from the
Dropdown list and enter the date (YR,M,D).

We hope that you can join Dr. Chuck C. Brown, LDEQ Secretary, in the presentation of the fixed air monitoring station to the community.



The Marrero Community Air Monitor

The Louisiana Department of Environmental Quality Presents

The Marrero Community Air Monitor

Raising Air Quality Awareness with Community-Based Air Monitoring

March 27, 2019 • 11 a.m.

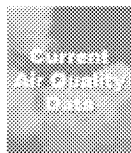
Marrero Monitor Location, 328 Marrero Road, Marrero, LA 70072

Continuous ambient air monitoring of PM 2.5 in Marrero, has been part of LDEQ's Ambient Air Monitoring Network since 1999. In December 2017, additional regulated air pollutants were added to LDEQ's monitored compounds to engage the Marrero community and the public in air quality awareness within the Marrero community.

The additional regulated pollutants, sulfur dioxide (SO₂) and hydrogen sulfide (H₂S) are continuously monitored at the stationary monitoring station; while the canister samples are collected every 6 days and analyzed for the presence of volatile organic compounds (VOCs). This data is collected in real-time and then made available online.

Access Monitoring Information & Data
Monitor location and monitored constituents
<https://deq.louisiana.gov/page/marrero>

Ambient Air Quality Data
<http://airquality.deq.louisiana.gov/Data>
Select the "Marrero Site" from the
dropdown list and enter the date (Year, M, D).



The continuous monitoring data may be observed online at LDEQ's Air Monitoring Data & AQI webpage, along with historical air quality data.
<http://deq.louisiana.gov>

We hope that you can join LDEQ and Rep. Rodney Lyons at the fixed air monitoring station to raise air quality awareness.



Louisiana Environmental Action Network

Helping to make Louisiana safe for future generations



3/16/2022

Chuck Carr Brown, Ph.D., Secretary
Louisiana Department of Environmental Quality
P.O. Box 4301
Baton Rouge, LA 70821

Re: Letter of Support
American Rescue Plan (ARP)
Competitive Awards

Dear Secretary Brown,

I spoke with Greg Langley and Jason Meyers of your office regarding a grant opportunity as a part of the American Rescue Plan (ARP).

From those conversations, it is my understanding LDEQ is applying for an ARP competitive grant to operate a Temporarily Located Community (TLC) air monitoring site in St. James Parish. This site will monitor in St. James Parish for approximately 2 years, until the completion of the grant.

LEAN supports LDEQ's effort applying for the ARP grant to conduct air monitoring in St. James Parish which we feel is needed. We look forward to working with LDEQ and the community as this project progresses.

Sincerely,

Marylee Orr, Executive Director
Louisiana Environmental Action Network

Manifest for Grant Application # GRANT13580311

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 21656 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16034 bytes)

2. Form SF424_3_0-V3.0.pdf (size 24070 bytes)

3. Form SF424A-V1.0.pdf (size 22539 bytes)

4. Form EPA4700_4_3_0-V3.0.pdf (size 22671 bytes)

5. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15904 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37262 bytes)

Attachments Included in Zip File (total 10):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-EPA Form 4700 Attachment 3 SOP 1889 Environmental Justice Grievance Procedure.pdf application/pdf (size 59199 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1243-FY23 Indirect Rate.pdf application/pdf (size 901023 bytes)

3. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1236-LDEQ Invitation to Site Visit and Educational Events.pdf application/pdf (size 1013582 bytes)

4. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1235-Clean Air Excellence Award.pdf application/pdf (size 88728 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-EPA Form 4700 Attachment 2 SOP 1631 Responding to Title VI Administrative Complaints.pdf application/pdf (size 451920 bytes)

6. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1238-St James LA - 2020 Census Profile.pdf application/pdf (size 2695187 bytes)

7. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1237-LEAN LDEQ letter of support 2022.pdf application/pdf (size 313887 bytes)

8. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1239-St James, LA - EJScreen Reports.pdf application/pdf (size 1422876 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-EPA Form 4700 explanations.docx application/vnd.openxmlformats-officedocument.wordprocessingml.document (size 12960 bytes)

10. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-Ambient Air Monitoring Project in St James Parish Louisiana (005) jm Final..docx application/vnd.openxmlformats-officedocument.wordprocessingml.document (size 2500409 bytes)

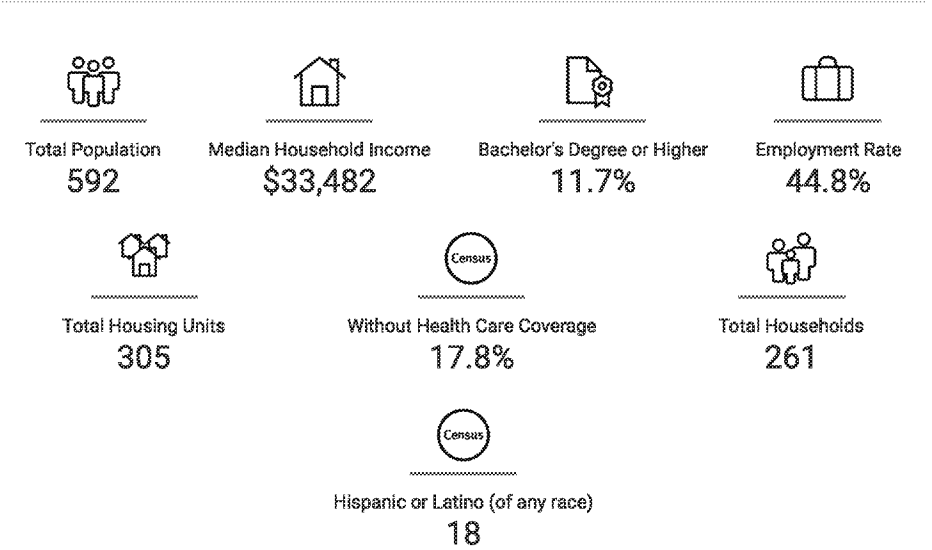
bytes)

St. James CDP, Louisiana

Place in Louisiana



St. James CDP, Louisiana is a city, town, place equivalent, and township located in Louisiana. St. James CDP, Louisiana has a land area of 8.4 square miles.



Populations and People

Age and Sex

49.5 +/- 7.4

Median Age in St. James CDP, Louisiana

37.2 +/- 0.1

Median Age in Louisiana

Table:
S0101

Table Survey/Program:
2020 American Community
Survey 5-Year Estimates

Population by Age Range in St. James CDP, Louisiana

VIEW OPTIONS

Under 5 years - 1.5%

Under 18 years - 9.4%

18 years and over - 90.6%

65 years and over - 28.5%

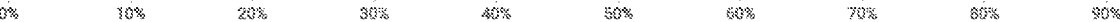


Chart Survey/Program: 2020 ACS 5-Year Estimates Data Profiles

Ancestry

0.0% +/- 6.9%

Italian Ancestry in St. James CDP, Louisiana

4.3% +/- 0.1%

Italian Ancestry in Louisiana

Table:
DP02

Table Survey/Program:
2020 American Community Survey 5-Year Estimates

Ancestry in St. James CDP, Louisiana

VIEW OPTIONS



Chart Survey/Program: 2020 ACS 5-Year Estimates Data Profiles

Language Spoken at Home

0.0% +/- 7.0%

Language Other Than English Spoken at Home in St. James CDP, Louisiana

7.8% +/- 0.1%

Language Other Than English Spoken at Home in Louisiana

Table: S1601
Table Survey/Program: 2020 American Community Survey 5-Year Estimates

Types of Language Spoken at Home in St. James CDP, Louisiana

VIEW OPTIONS

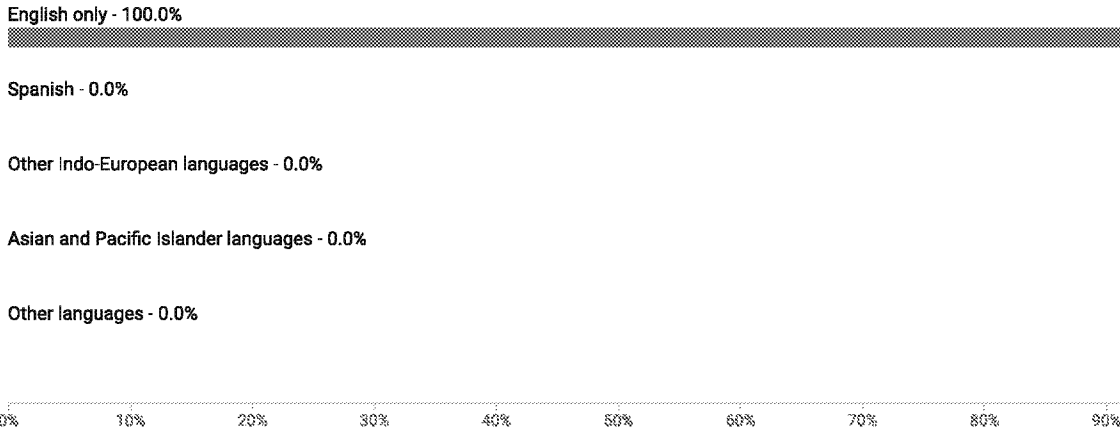


Chart Survey/Program: 2020 ACS 5-Year Estimates Data Profiles

Native and Foreign Born

0.0 +/- 6.9

Foreign Born population in St. James CDP, Louisiana

4.1 +/- 0.1

Foreign Born population in Louisiana

Table: DP02
Table Survey/Program: 2020 American Community Survey 5-Year Estimates

Foreign Born Population in St. James CDP, Louisiana

VIEW OPTIONS

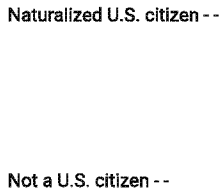


Chart Survey/Program: 2020 ACS 5-Year Estimates Data Profiles

Older Population

28.5% +/- 9.1%

65 Years and Older in St. James CDP, Louisiana

15.4% +/- 0.1%

65 Years and Older in Louisiana

Table:
DP05

Table Survey/Program:
2020 American Community Survey 5-Year Estimates

Older Population by Age in St. James CDP, Louisiana

VIEW OPTIONS

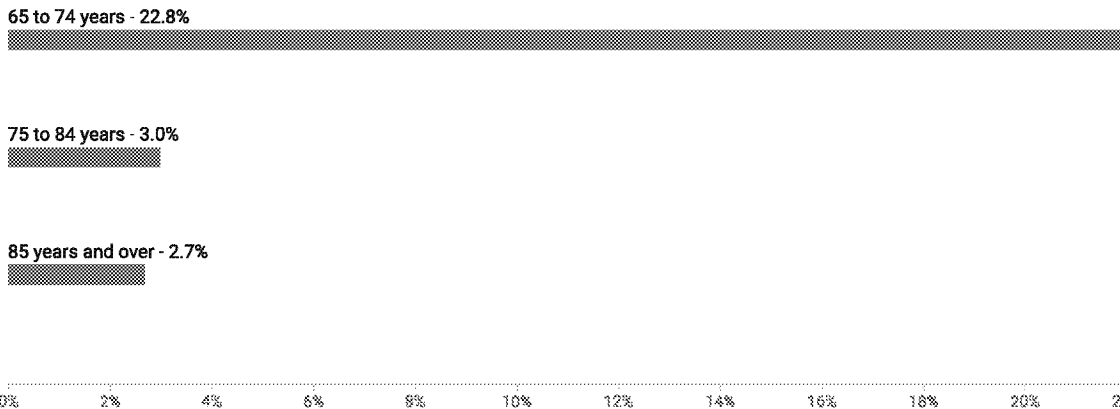


Chart Survey/Program: 2020 ACS 5-Year Estimates Data Profiles

Residential
Mobility

0.0% +/- 7.0%

Moved From a Different
State in the Last Year in St.
James CDP, Louisiana

1.7% +/- 0.1%

Moved From a Different
State in the Last Year in
Louisiana

Table:
S0701

Table Survey/Program:
2020 American Community
Survey 5-Year Estimates

Residential Mobility in the Last
Year in St. James CDP,
Louisiana

VIEW OPTIONS

Moved within the Same County - 0.0%

Moved from a Different County, Same State - 1.5%

Moved from a Different State - 0.0%

Moved from Abroad - 0.0%



Chart Survey/Program: 2020 ACS 5-Year Estimates Subject Tables

Veterans

3.0% +/- 3.6%

Veterans in St. James CDP, Louisiana

6.8% +/- 0.1%

Veterans in Louisiana

Table:
S2101

Table Survey/Program:
2020 American Community
Survey 5-Year Estimates

Veterans by Sex in St. James CDP, Louisiana

VIEW OPTIONS

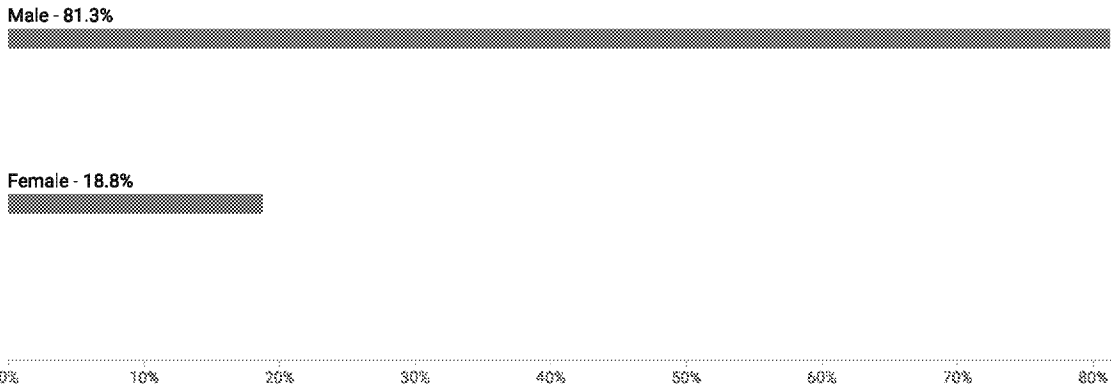


Chart Survey/Program: 2020 ACS 5-Year Estimates Subject Tables

Income and Poverty

Income and Earnings

\$33,482 +/- \$22,314
Median Household Income in St. James CDP, Louisiana

\$50,800 +/- \$360
Median Household Income in Louisiana

Table: S1901
Table Survey/Program: 2020 American Community Survey 5-Year Estimates

Median Income by Types of Families in St. James CDP, Louisiana

VIEW OPTIONS



Chart Survey/Program: 2020 ACS 5-Year Estimates Subject Tables

Poverty

17.6% +/- 12.7%
Poverty, All people in St. James CDP, Louisiana

18.6% +/- 0.3%
Poverty, All people in Louisiana

Table: S1701
Table Survey/Program: 2020 American Community Survey 5-Year Estimates

Poverty by Age in St. James CDP, Louisiana

VIEW OPTIONS

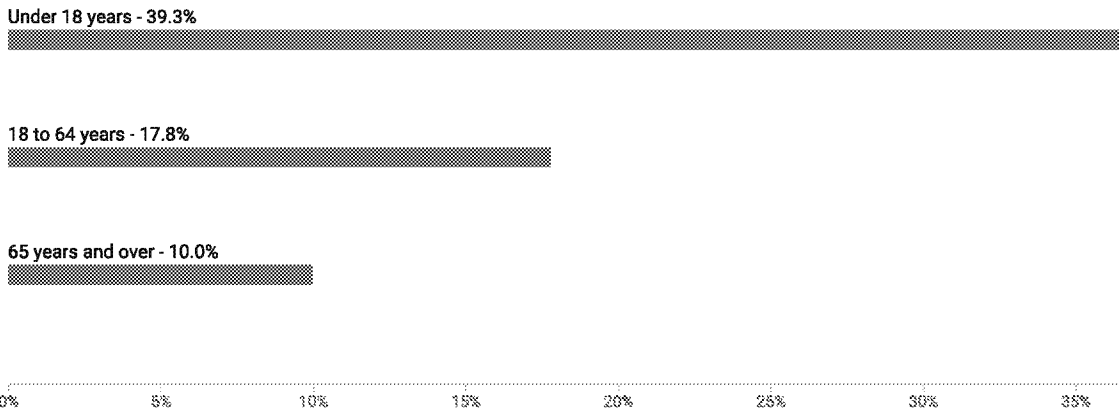


Chart Survey/Program: 2020 ACS 5-Year Estimates Data Profiles

Education

Educational Attainment

11.7% +/- 6.2%

Bachelor's Degree or Higher in St. James CDP, Louisiana

24.9% +/- 0.3%

Bachelor's Degree or Higher in Louisiana

Table: S1501

Table Survey/Program: 2020 American Community Survey 5-Year Estimates

Education Attainment (Population 25 Years and Older) in St. James CDP, Louisiana

VIEW OPTIONS



0% 5% 10% 15% 20% 25% 30% 35% 40%

Chart Survey/Program: 2020 ACS 5-Year Estimates Data Profiles

School Enrollment

37.8% +/- 18.6%

School Enrolled Population Enrolled in Kindergarten to 12th Grade in St. James CDP, Louisiana

69.1% +/- 0.3%

School Enrolled Population Enrolled in Kindergarten to 12th Grade in Louisiana

Table: S1401

Table Survey/Program: 2020 American Community Survey 5-Year Estimates

School Enrollment (Population 3 Years and Over Enrolled in School) in St. James CDP, Louisiana

VIEW OPTIONS



0% 5% 10% 15% 20% 25% 30% 35% 40%

Chart Survey/Program: 2020 ACS 5-Year Estimates Subject Tables

Employment

Class of Worker

17.4% +/- 10.3%

Local, State, & Federal
Government Workers in St.
James CDP, Louisiana

15.2% +/- 0.2%

Local, State, & Federal
Government Workers in
Louisiana

Table:
S2406

Table Survey/Program:
2020 American Community
Survey 5-Year Estimates

Class of Worker in St. James CDP, Louisiana

[VIEW OPTIONS](#)

Employee of private company workers - 59.1%

Self-employed in own incorporated business workers - 0.4%

Private not-for-profit wage and salary workers - 17.4%

Local, state, and federal government workers - 17.4%

Self-employed in own not incorporated business workers and unpaid family workers - 5.8%

0% 5% 10% 15% 20% 25% 30% 35% 40% 45% 50% 55%

Chart Survey/Program: 2020 ACS 5-Year Estimates Subject Tables

Commuting

24.5 +/- 5.2

Average travel time to work
(in minutes) in St. James
CDP, Louisiana

25.8 +/- 0.2

Average travel time to work
(in minutes) in Louisiana

Table:
S0801

Table Survey/Program:
2020 American Community
Survey 5-Year Estimates

Means of Transportation to Work (Workers 16 Years and Over) in St. James CDP, Louisiana

[VIEW OPTIONS](#)

Drove alone - 80.9%

Carpool - 5.9%

Public transportation - 5.5%

Walked - 3.4%

Other means - 0.0%

Worked at home - 4.2%

0% 10% 20% 30% 40% 50% 60% 70% 80%

Chart Survey/Program: 2020 ACS 5-Year Estimates Data Profiles

Employment and Labor Force Status

44.8% +/- 11.2%

Employment Rate in St. James CDP, Louisiana

54.9% +/- 0.2%

Employment Rate in Louisiana

Table:
DP03

Table Survey/Program:
2020 American Community Survey 5-Year Estimates

Employment Rate in St. James CDP, Louisiana

VIEW OPTIONS

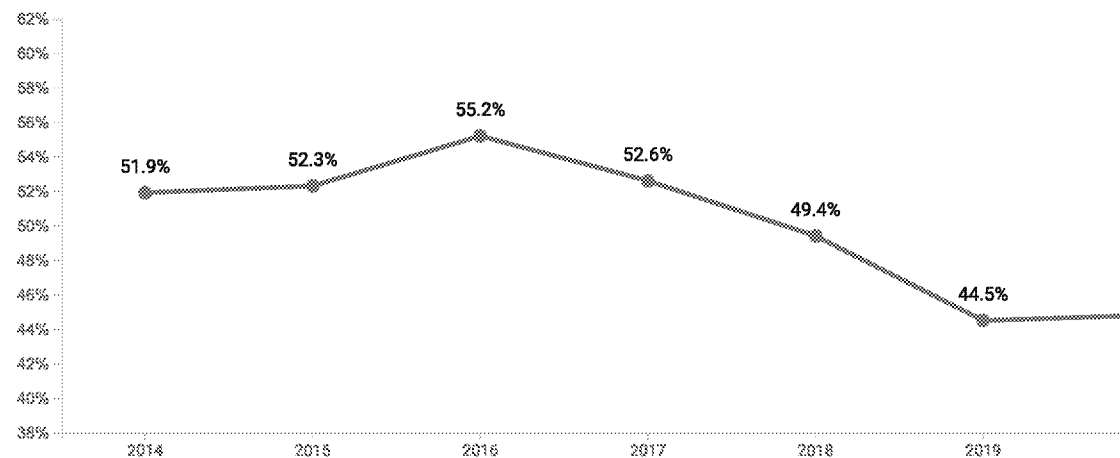


Chart Survey/Program: 2020 ACS 5-Year Estimates Data Profiles

Industry

- +/- **

Females in Agriculture, Forestry, Fishing and Hunting in St. James CDP, Louisiana

12.2% +/- 2.4%

Females in Agriculture, Forestry, Fishing and Hunting in Louisiana

Table:
S2404

Table Survey/Program:
2020 American Community Survey 5-Year Estimates

Industry for the Civilian Employed Population 16 Years and Over in St. James CDP, Louisiana

VIEW OPTIONS

Agriculture, Forestry, Fishing and Hunting, and Mining - 5.4%

Construction - 4.5%

Manufacturing - 19.4%

Wholesale Trade - 0.0%

Retail Trade - 0.8%

Transportation and warehousing, and utilities - 9.1%

Information - 0.0%

Finance and insurance, and real estate and rental and leasing - 0.0%

Professional, scientific, and management, and administrative and waste management services - 2.1%

Educational services, and health care and social assistance - 17.8%

Arts, entertainment, and recreation, and accommodation and food services - 14.5%

Other services, except public administration - 12.8%

Public administration - 13.6%



Chart Survey/Program: 2020 ACS 5-Year Estimates Data Profiles

Occupation

41.7% +/- 56.6%

Females in Computer, Engineering and Science Occupations in St. James CDP, Louisiana

26.6% +/- 1.4%

Females in Computer, Engineering and Science Occupations in Louisiana

Table: S2401

Table Survey/Program: 2020 American Community Survey 5-Year Estimates

Occupation for the Civilian Employed Population 16 Years and Over in St. James CDP, Louisiana

VIEW OPTIONS

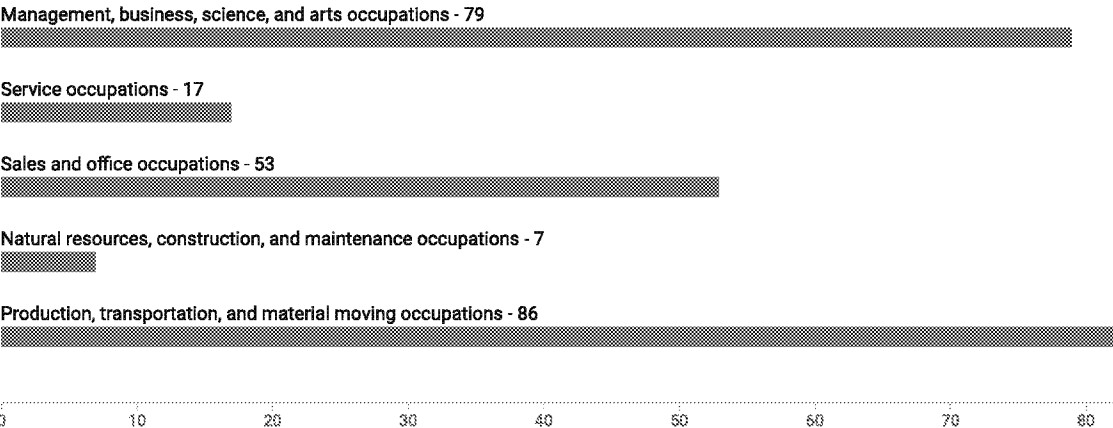


Chart Survey/Program: 2020 ACS 5-Year Estimates Subject Tables

Work Experience

36.7 +/- 3.7

Mean Usual Hours Worked for Workers in St. James CDP, Louisiana

39.8 +/- 0.1

Mean Usual Hours Worked for Workers in Louisiana

Table: S2303

Table Survey/Program: 2020 American Community Survey 5-Year Estimates

Mean Usual Hours Worked for Workers by Sex in St. James CDP, Louisiana

VIEW OPTIONS

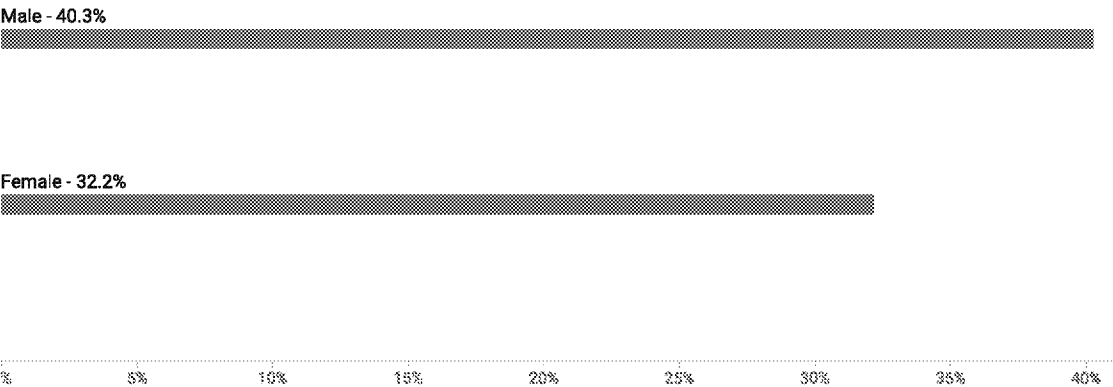


Chart Survey/Program: 2020 ACS 5-Year Estimates Subject Tables

Housing

Financial Characteristics

~ +/- **

Median Gross Rent in St. James CDP, Louisiana

\$876 +/- \$5

Median Gross Rent in Louisiana

Table:
DP04

Table Survey/Program:
2020 American Community Survey 5-Year Estimates

Occupied Units Paying Rent in St. James CDP, Louisiana

VIEW OPTIONS

Less than \$500 - 0.0%

\$500 to \$999 - 100.0%

\$1,000 to \$1,499 - 0.0%

\$1,500 to \$1,999 - 0.0%

\$2,000 to \$2,499 - 0.0%

\$2,500 to \$2,999 - 0.0%

\$3,000 or more - 0.0%



Chart Survey/Program: 2020 ACS 5-Year Estimates Data Profiles

Homeownership Rate

92.3% +/- 7.9%

Homeownership Rate in St. James CDP, Louisiana

66.6% +/- 0.3%

Homeownership Rate in Louisiana

Table:
DP04

Table Survey/Program:
2020 American Community Survey 5-Year Estimates



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Housing Units

305

Total Housing Units in St. James CDP, Louisiana

2,073,200

Total Housing Units in Louisiana

Table:
H1

Table Survey/Program:
2020 Decennial Census

Housing Occupancy in St. James CDP, Louisiana

VIEW OPTIONS

Occupied housing units - 243



Vacant housing units - 62



Chart Survey/Program: 2020 DEC Redistricting Data (PL 94-171)

Occupancy Characteristics

243

Occupied Housing Units in St. James CDP, Louisiana

1,831,610

Occupied Housing Units in Louisiana

Table:
H1

Table Survey/Program:
2020 Decennial Census

Occupied Housing Units by Types of Households in St. James CDP, Louisiana

VIEW OPTIONS

Married-couple family - 128



Male householder, no spouse present - 0

Female householder, no spouse present - 48



Chart Survey/Program: 2020 ACS 5-Year Estimates Subject Tables

Owner/Renter
(Householder)
Characteristics

0.0% +/- 15.0%

Moved 2019 or Later Into
Occupied Housing Unit in
St. James CDP, Louisiana

4.2% +/- 0.2%

Moved 2019 or Later Into
Occupied Housing Unit in
Louisiana

Table:
S2502

Table Survey/Program:
2020 American Community
Survey 5-Year Estimates

Moved 2019 or Later Into
Occupied Housing Unit by Type
of Units in St. James CDP,
Louisiana

VIEW OPTIONS

Owner-occupied housing units - 0.0%

Renter-occupied housing units - 0.0%

Chart Survey/Program: 2020 ACS 5-Year Estimates Subject Tables

Physical
Characteristics

19.2% +/- 13.3%

Occupied Housing Units
with Four or More
Bedrooms in St. James
CDP, Louisiana

19.0% +/- 0.3%

Occupied Housing Units
with Four or More
Bedrooms in Louisiana

Table:
S2504

Table Survey/Program:
2020 American Community
Survey 5-Year Estimates

Bedrooms in Occupied Housing
Units in St. James CDP,
Louisiana

VIEW OPTIONS

No Bedroom - 0.0%

1 Bedroom - 0.0%

2 or 3 Bedrooms - 80.8%

4 or More Bedrooms - 19.2%

Chart Survey/Program: 2020 ACS 5-Year Estimates Subject Tables

Vacancy

62

Vacant Housing Units in St. James CDP, Louisiana

241,590

Vacant Housing Units in Louisiana

Table:
H1

Table Survey/Program:
2020 Decennial Census

Vacancy Rate in St. James CDP, Louisiana

VIEW OPTIONS

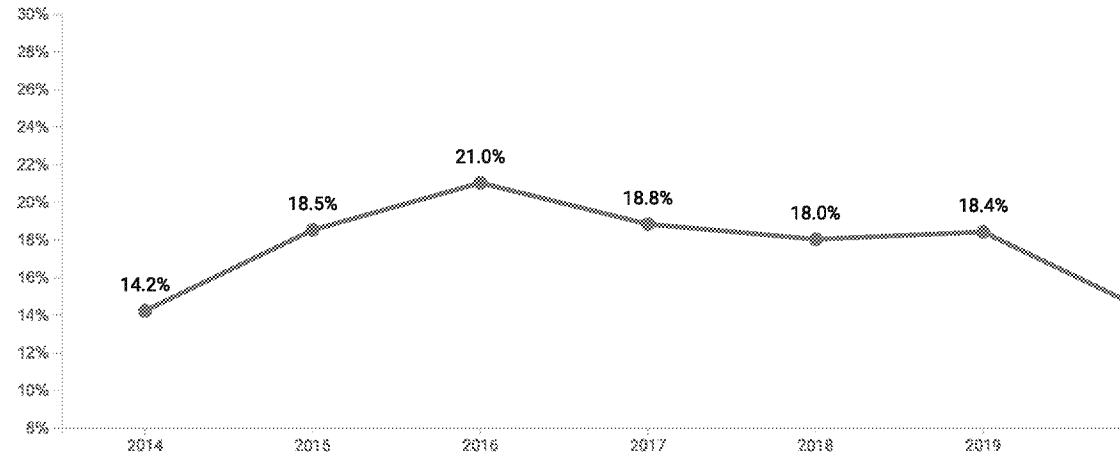


Chart Survey/Program: 2020 ACS 5-Year Estimates Data Profiles

Health

Disability

17.4% +/- 9.9%

Disabled Population in St. James CDP, Louisiana

15.3% +/- 0.2%

Disabled Population in Louisiana

Table: S1810

Table Survey/Program: 2020 American Community Survey 5-Year Estimates

Types of Disabilities in St. James CDP, Louisiana

VIEW OPTIONS

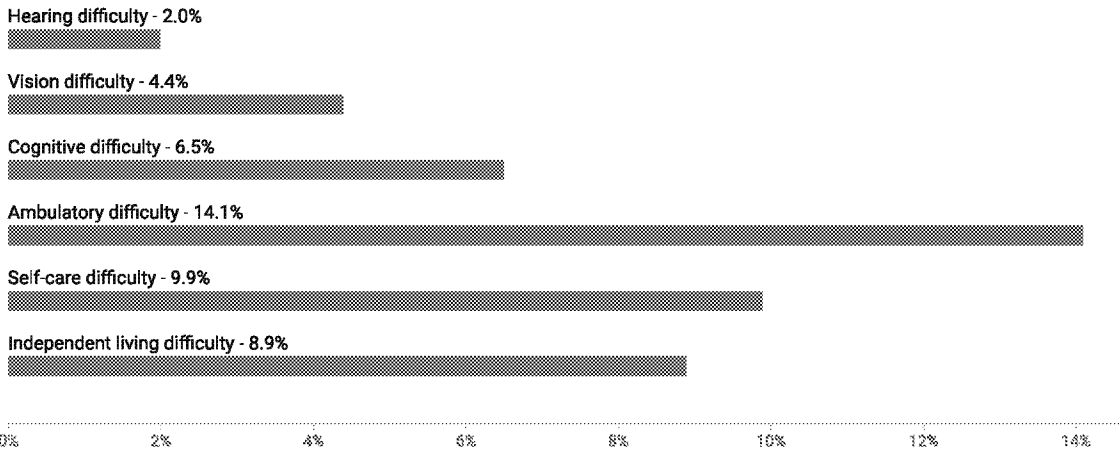


Chart Survey/Program: 2020 ACS 5-Year Estimates Subject Tables

Fertility

117 +/- 62

Women 15 to 50 years old in St. James CDP, Louisiana

1,099,100 +/- 1,520

Women 15 to 50 years old in Louisiana

Table: S1301

Table Survey/Program: 2020 American Community Survey 5-Year Estimates

Women with Births in the Past 12 Months in St. James CDP, Louisiana

VIEW OPTIONS

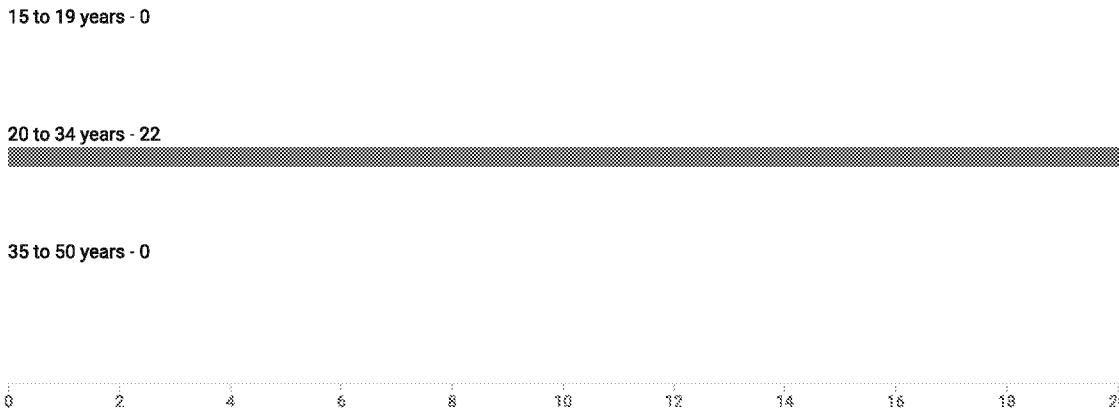


Chart Survey/Program: 2020 ACS 5-Year Estimates Subject Tables

Health Insurance

17.8% +/- 13.2%

Without Health Care Coverage in St. James CDP, Louisiana

8.7% +/- 0.2%

Without Health Care Coverage in Louisiana

Table: S2701

Table Survey/Program: 2020 American Community Survey 5-Year Estimates

Population Without Health Insurance Coverage in St. James CDP, Louisiana

VIEW OPTIONS

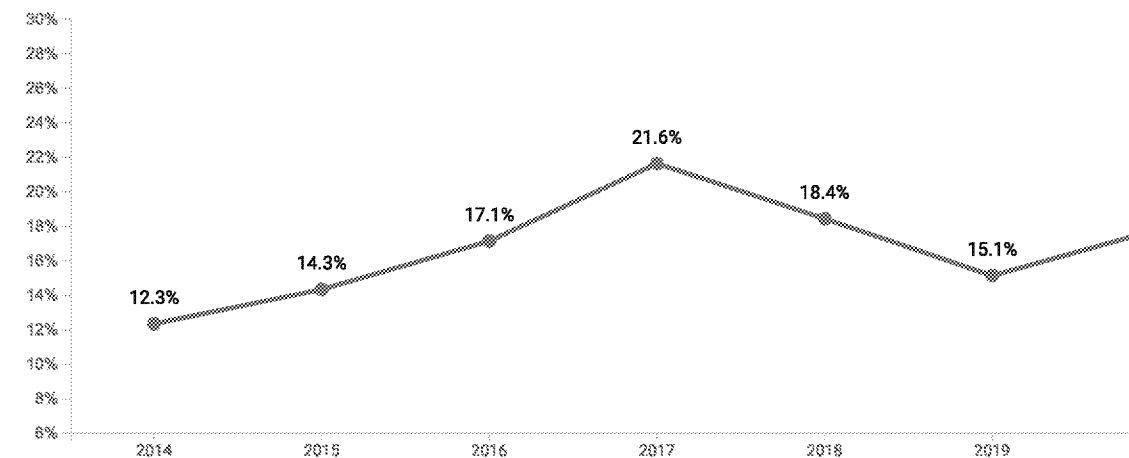


Chart Survey/Program: 2020 ACS 5-Year Estimates Data Profiles

Families and Living Arrangements

Children

9.4% +/- 6.6%

Under 18 years old in St. James CDP, Louisiana

23.5% +/- 0.1%

Under 18 years old in Louisiana

Table: DP05

Table Survey/Program: 2020 American Community Survey 5-Year Estimates

Children Under 18 by Age Range in St. James CDP, Louisiana

VIEW OPTIONS

Under 5 years - 1.5%

5 to 14 years - 7.4%

15 to 17 years - 0.5%



Chart Survey/Program: 2020 ACS 5-Year Estimates Subject Tables

Families and Household Characteristics

2.85 +/- 0.64

Average Family Size in St. James CDP, Louisiana

3.27 +/- 0.02

Average Family Size in Louisiana

Table: S1101

Table Survey/Program: 2020 American Community Survey 5-Year Estimates

Total Households by Type of Households in St. James CDP, Louisiana

VIEW OPTIONS

Married-couple family household - 49.0%

Male householder, no spouse present, family household - 20.7%

Female householder, no spouse present, family household - 30.3%



Chart Survey/Program: 2020 ACS 5-Year Estimates Data Profiles

Marital Status and Marital History

48.6% +/- 10.7%
Never Married in St. James CDP, Louisiana

35.8% +/- 0.2%
Never Married in Louisiana

Table:
S1201

Table Survey/Program:
2020 American Community Survey 5-Year Estimates

Marital Status in St. James CDP, Louisiana

VIEW OPTIONS

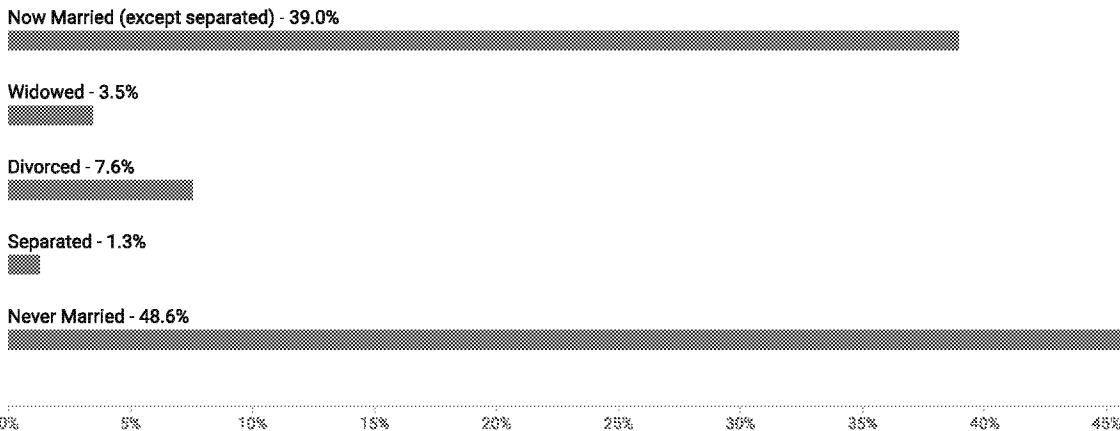


Chart Survey/Program: 2020 ACS 5-Year Estimates Subject Tables

Government

Redistricting

592
Total Population in St. James CDP, Louisiana

4,657,757
Total Population in Louisiana

Table:
P1

Table Survey/Program:
2020 Decennial Census

Census

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Race and Ethnicity

American Indian and Alaska Native

0

American Indian and Alaska Native alone in St. James CDP, Louisiana

American Indian and Alaska Native alone for All Places in Louisiana

VIEW OPTIONS

31,657

American Indian and Alaska Native alone in Louisiana



Map not loaded due to browser constraints
Refresh to try again or use the Share link to print the map

Table:
P1

Table Survey/Program:
2020 Decennial Census

Asian

0

Asian alone in St. James CDP, Louisiana

Asian alone for All Places in Louisiana

VIEW OPTIONS

86,438

Asian alone in Louisiana



Map not loaded due to browser constraints
Refresh to try again or use the Share link to print the map

Table:
P1

Table Survey/Program:
2020 Decennial Census

Black or African American

511

Black or African American alone in St. James CDP, Louisiana

1,464,023

Black or African American alone in Louisiana

Table:
P1

Table Survey/Program:
2020 Decennial Census

Black or African American alone for All Places in Louisiana

VIEW OPTIONS



Map not loaded due to browser constraints
Refresh to try again or use the Share link to print the map

Hispanic or Latino

18

Hispanic or Latino (of any race) in St. James CDP, Louisiana

322,549

Hispanic or Latino (of any race) in Louisiana

Table:
P2

Table Survey/Program:
2020 Decennial Census

Hispanic or Latino (of any race) for All Places in Louisiana

VIEW OPTIONS



Map not loaded due to browser constraints
Refresh to try again or use the Share link to print the map

Native Hawaiian and Pacific Islander

Native Hawaiian and Other Pacific Islander alone for All Places in Louisiana

VIEW OPTIONS

0

Native Hawaiian and Other Pacific Islander alone in St. James CDP, Louisiana

1,911

Native Hawaiian and Other Pacific Islander alone in Louisiana



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Table:
P1

Table Survey/Program:
2020 Decennial Census

Not Hispanic or Latino

White alone, not Hispanic or Latino for All Places in Louisiana

VIEW OPTIONS

62

White alone, not Hispanic or Latino in St. James CDP, Louisiana

2,596,702

White alone, not Hispanic or Latino in Louisiana



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Refresh to try again or use the Share link to print the map

Table:
P2

Table Survey/Program:
2020 Decennial Census

Some Other Race

12

Some Other Race alone in
St. James CDP, Louisiana

142,699

Some Other Race alone in
Louisiana

Table:
P1

Table Survey/Program:
2020 Decennial Census

Some Other Race alone for All
Places in Louisiana

VIEW OPTIONS



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Two or More
Races

6

Two or More Races in St.
James CDP, Louisiana

273,377

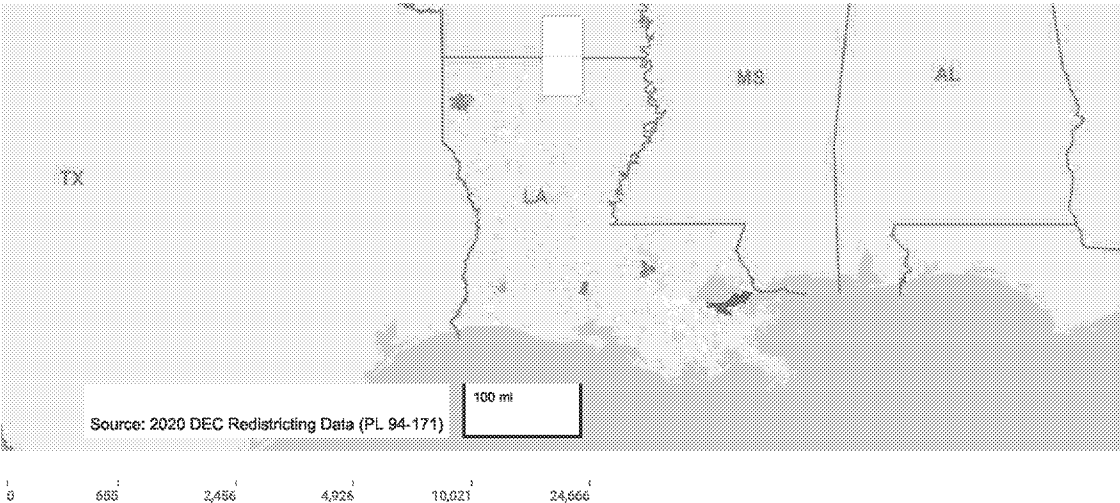
Two or More Races in
Louisiana

Table:
P1

Table Survey/Program:
2020 Decennial Census

Two or More Races for All
Places in Louisiana

VIEW OPTIONS



White

63

White alone in St. James CDP, Louisiana

2,657,652

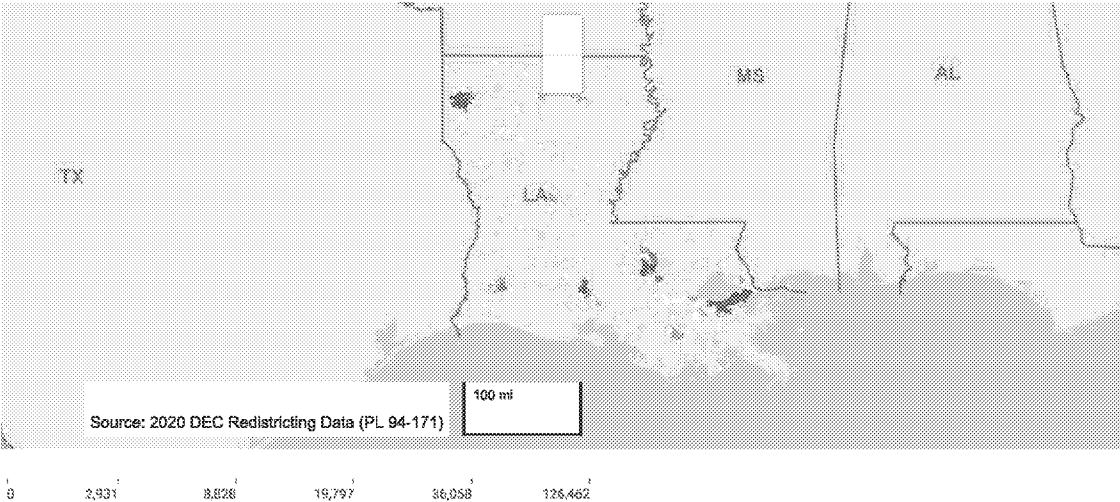
White alone in Louisiana

Table:
P1

Table Survey/Program:
2020 Decennial Census

White alone for All Places in Louisiana

VIEW OPTIONS



Accessibility | Information Quality | FOIA | Data Protection and Privacy Policy | U.S. Department of Commerce |
Release Notes

Measuring America's People, Places and Economy



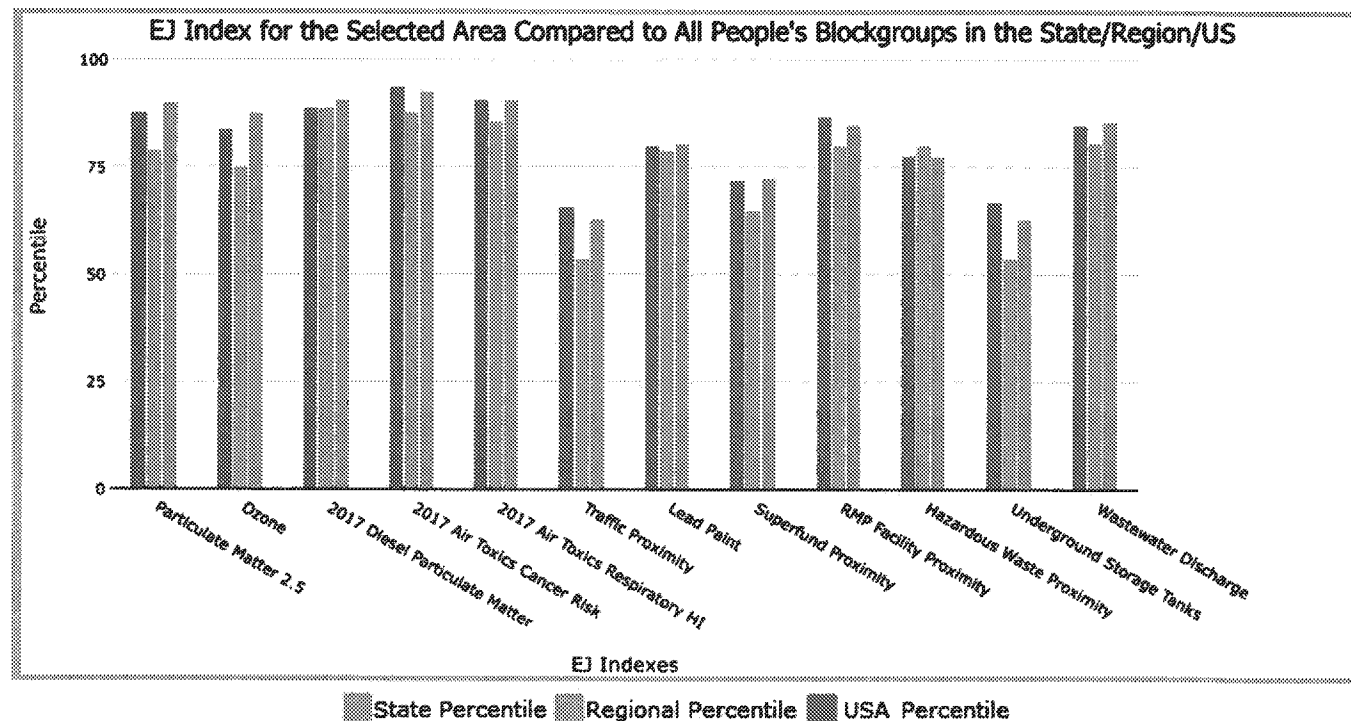
the User Specified Area, LOUISIANA, EPA Region 6

Approximate Population: 852

Input Area (sq. miles): 7.07

St. James, LA

Selected Variables	State Percentile	EPA Region Percentile	USA Percentile
Environmental Justice Indexes			
EJ Index for Particulate Matter 2.5	90	79	88
EJ Index for Ozone	88	75	84
EJ Index for 2017 Diesel Particulate Matter*	91	89	89
EJ Index for 2017 Air Toxics Cancer Risk*	93	88	94
EJ Index for 2017 Air Toxics Respiratory HI*	91	86	91
EJ Index for Traffic Proximity	63	54	66
EJ Index for Lead Paint	81	79	80
EJ Index for Superfund Proximity	73	65	72
EJ Index for RMP Facility Proximity	85	80	87
EJ Index for Hazardous Waste Proximity	78	80	78
EJ Index for Underground Storage Tanks	63	54	67
EJ Index for Wastewater Discharge	86	81	85

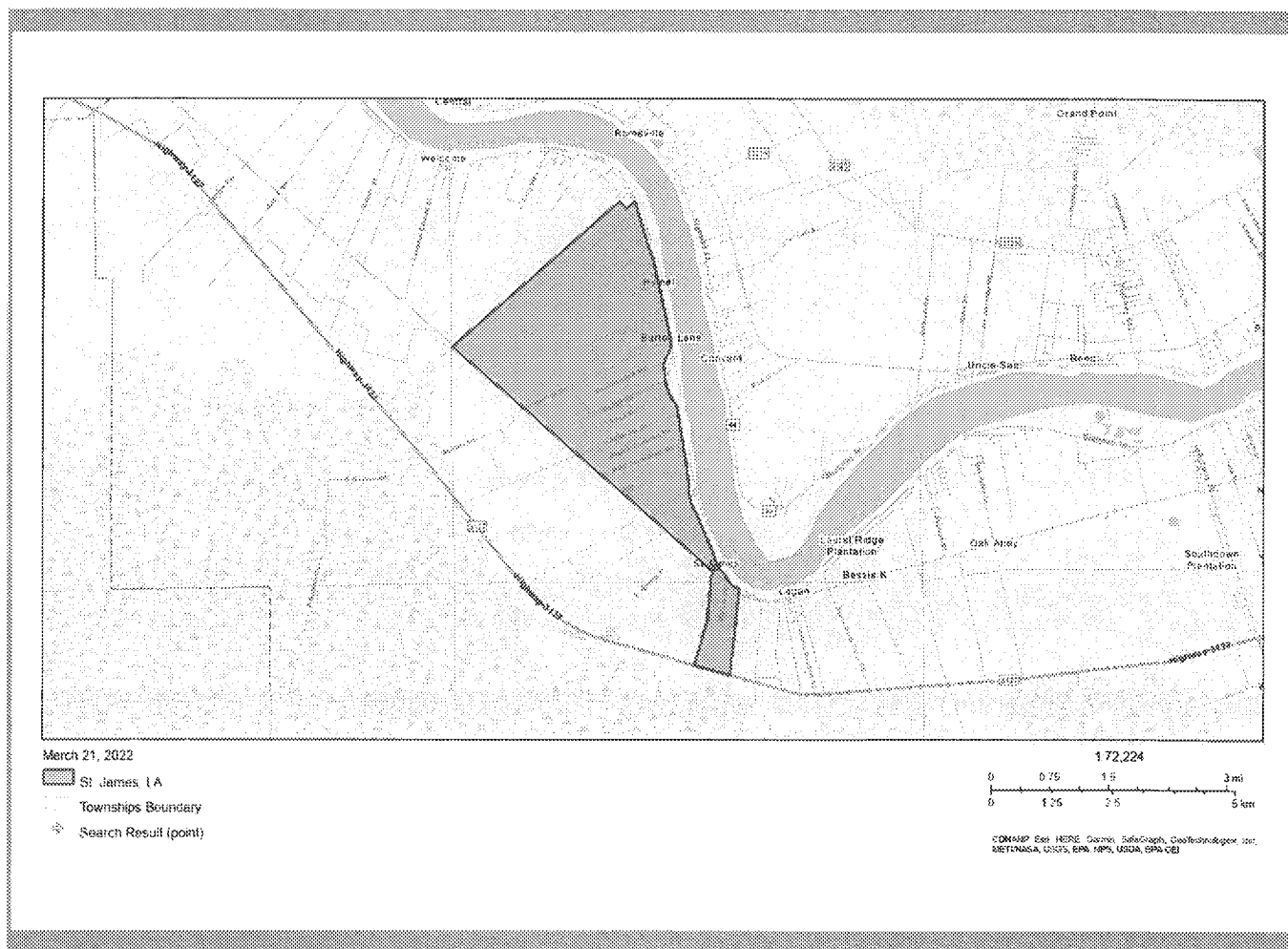


This report shows the values for environmental and demographic indicators and EJSCREEN indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer area compares to the entire state, EPA region, or nation. For example, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher block group value than the average person in the location being analyzed. The years for which the data are available, and the methods used, vary across these indicators. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports.

Approximate Population: 852

Input Area (sq. miles): 7.07

St. James, LA



Sites reporting to EPA	
Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	0

EJScreen Report (Version 2.0)

the User Specified Area, LOUISIANA, EPA Region 6

Approximate Population: 852

Input Area (sq. miles): 7.07

St. James, LA



Selected Variables	Value	State Avg.	%ile in State	EPA Region Avg.	%ile in EPA Region	USA Avg.	%ile in USA
Pollution and Sources							
Particulate Matter 2.5 ($\mu\text{g}/\text{m}^3$)	9.24	9.22	53	9.32	29	8.74	68
Ozone (ppb)	34	37.2	3	41.1	10	42.6	9
2017 Diesel Particulate Matter* ($\mu\text{g}/\text{m}^3$)	0.387	0.298	73	0.219	90-95th	0.295	70-80th
2017 Air Toxics Cancer Risk* (lifetime risk per million)	50	41	86	32	95-100th	29	95-100th
2017 Air Toxics Respiratory HI*	0.5	0.45	89	0.37	95-100th	0.36	95-100th
Traffic Proximity (daily traffic count/distance to road)	24	560	16	470	13	710	14
Lead Paint (% Pre-1960 Housing)	0.15	0.2	58	0.16	67	0.28	47
Superfund Proximity (site count/km distance)	0.02	0.086	21	0.08	27	0.13	17
RMP Facility Proximity (facility count/km distance)	0.75	0.91	63	0.83	65	0.75	69
Hazardous Waste Proximity (facility count/km distance)	0.52	1.4	45	0.8	60	2.2	44
Underground Storage Tanks (count/km ²)	0.081	2	21	2	19	3.9	22
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.0056	0.42	65	0.5	68	12	64
Socioeconomic Indicators							
Demographic Index	74%	40%	88	44%	87	36%	92
People of Color	93%	41%	90	52%	88	40%	91
Low Income	55%	39%	76	36%	79	31%	85
Unemployment Rate	10%	6%	76	5%	84	5%	84
Linguistically Isolated	0%	2%	62	6%	37	5%	45
Less Than High School Education	23%	15%	79	15%	75	12%	83
Under Age 5	6%	7%	53	7%	49	6%	59
Over Age 64	22%	15%	84	13%	86	16%	80

*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's 2017 Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: <https://www.epa.gov/haps/air-toxics-data-update>.

For additional information, see: www.epa.gov/environmentaljustice

EJScreen is a screening tool for pre-decisional use only. It can help identify areas that may warrant additional consideration, analysis, or outreach. It does not provide a basis for decision-making, but it may help identify potential areas of EJ concern. Users should keep in mind that screening tools are subject to substantial uncertainty in their demographic and environmental data, particularly when looking at small geographic areas. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJScreen documentation for discussion of these issues before using reports. This screening tool does not provide data on every environmental impact and demographic factor that may be relevant to a particular location. EJScreen outputs should be supplemented with additional information and local knowledge before taking any action to address potential EJ concerns.

March 21, 2022

3/3



Location: User-specified polygonal location
 Ring (buffer): 0-miles radius
 Description: St. James, LA

Summary of ACS Estimates		2015 - 2019	
Population		852	
Population Density (per sq. mile)		117	
People of Color Population		793	
% People of Color Population		93%	
Households		373	
Housing Units		407	
Housing Units Built Before 1950		39	
Per Capita Income		21,310	
Land Area (sq. miles) (Source: SF1)		7.31	
% Land Area		94%	
Water Area (sq. miles) (Source: SF1)		0.44	
% Water Area		6%	
		2015 - 2019 ACS Estimates	Percent MOE (±)
Population by Race			
Total		852	100% 299
Population Reporting One Race		828	97% 401
White		68	8% 70
Black		760	89% 279
American Indian		0	0% 13
Asian		0	0% 13
Pacific Islander		0	0% 13
Some Other Race		0	0% 13
Population Reporting Two or More Races		24	3% 74
Total Hispanic Population		22	3% 106
Total Non-Hispanic Population		831	
White Alone		59	7% 70
Black Alone		760	89% 279
American Indian Alone		0	0% 13
Non-Hispanic Asian Alone		0	0% 13
Pacific Islander Alone		0	0% 13
Other Race Alone		0	0% 13
Two or More Races Alone		11	1% 43
Population by Sex			
Male		389	46% 200
Female		463	54% 171
Population by Age			
Age 0-4		55	6% 75
Age 0-17		202	24% 149
Age 18+		650	76% 205
Age 65+		188	22% 91

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.
 N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS) 2015 - 2019.



Location: User-specified polygonal location
 Ring (buffer): 0-miles radius
 Description: St. James, LA

	2015 - 2019 ACS Estimates	Percent	MOE (±)
Population 25+ by Educational Attainment			
Total	580	100%	212
Less than 9th Grade	44	7%	56
9th - 12th Grade, No Diploma	89	15%	78
High School Graduate	176	30%	98
Some College, No Degree	130	22%	114
Associate Degree	36	6%	53
Bachelor's Degree or more	107	18%	78
Population Age 5+ Years by Ability to Speak English			
Total	797	100%	290
Speak only English	782	98%	247
Non-English at Home ¹⁺²⁺³⁺⁴	15	2%	65
¹ Speak English "very well"	13	2%	64
² Speak English "well"	2	0%	15
³ Speak English "not well"	0	0%	13
⁴ Speak English "not at all"	0	0%	13
³⁺⁴ Speak English "less than well"	0	0%	13
²⁺³⁺⁴ Speak English "less than very well"	2	0%	15
Linguistically Isolated Households*			
Total	0	0%	13
Speak Spanish	0	0%	13
Speak Other Indo-European Languages	0	0%	13
Speak Asian-Pacific Island Languages	0	0%	13
Speak Other Languages	0	0%	13
Households by Household Income			
Household Income Base	373	100%	87
< \$15,000	104	28%	74
\$15,000 - \$25,000	55	15%	55
\$25,000 - \$50,000	88	23%	54
\$50,000 - \$75,000	53	14%	54
\$75,000 +	73	20%	68
Occupied Housing Units by Tenure			
Total	373	100%	87
Owner Occupied	266	71%	69
Renter Occupied	108	29%	71
Employed Population Age 16+ Years			
Total	682	100%	239
In Labor Force	357	52%	159
Civilian Unemployed in Labor Force	35	5%	56
Not In Labor Force	325	48%	162

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.

N/A means not available. Source: U.S. Census Bureau, American Community Survey (ACS)

*Households in which no one 14 and over speaks English "very well" or speaks English only.



Location: User-specified polygonal location
 Ring (buffer): 0-miles radius
 Description: St. James, LA

	2015 - 2019 ACS Estimates	Percent	MOE (±)
Population by Language Spoken at Home*			
Total (persons age 5 and above)	N/A	N/A	N/A
English	N/A	N/A	N/A
Spanish	N/A	N/A	N/A
French	N/A	N/A	N/A
French Creole	N/A	N/A	N/A
Italian	N/A	N/A	N/A
Portuguese	N/A	N/A	N/A
German	N/A	N/A	N/A
Yiddish	N/A	N/A	N/A
Other West Germanic	N/A	N/A	N/A
Scandinavian	N/A	N/A	N/A
Greek	N/A	N/A	N/A
Russian	N/A	N/A	N/A
Polish	N/A	N/A	N/A
Serbo-Croatian	N/A	N/A	N/A
Other Slavic	N/A	N/A	N/A
Armenian	N/A	N/A	N/A
Persian	N/A	N/A	N/A
Gujarathi	N/A	N/A	N/A
Hindi	N/A	N/A	N/A
Urdu	N/A	N/A	N/A
Other Indic	N/A	N/A	N/A
Other Indo-European	N/A	N/A	N/A
Chinese	N/A	N/A	N/A
Japanese	N/A	N/A	N/A
Korean	N/A	N/A	N/A
Mon-Khmer, Cambodian	N/A	N/A	N/A
Hmong	N/A	N/A	N/A
Thai	N/A	N/A	N/A
Laotian	N/A	N/A	N/A
Vietnamese	N/A	N/A	N/A
Other Asian	N/A	N/A	N/A
Tagalog	N/A	N/A	N/A
Other Pacific Island	N/A	N/A	N/A
Navajo	N/A	N/A	N/A
Other Native American	N/A	N/A	N/A
Hungarian	N/A	N/A	N/A
Arabic	N/A	N/A	N/A
Hebrew	N/A	N/A	N/A
African	N/A	N/A	N/A
Other and non-specified	N/A	N/A	N/A
Total Non-English	N/A	N/A	N/A

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.

N/A means not available. Source: U.S. Census Bureau, American Community Survey (ACS) 2015 - 2019.

*Population by Language Spoken at Home is available at the census tract summary level and up.



Location: User-specified polygonal location
 Ring (buffer): 0-miles radius
 Description: St. James, LA

Summary	Census 2010
Population	813
Population Density (per sq. mile)	112
People of Color Population	727
% People of Color Population	89%
Households	288
Housing Units	323
Land Area (sq. miles)	7.29
% Land Area	94%
Water Area (sq. miles)	0.46
% Water Area	6%

Population by Race	Number	Percent
Total	813	-----
Population Reporting One Race	807	99%
White	103	13%
Black	698	86%
American Indian	2	0%
Asian	0	0%
Pacific Islander	0	0%
Some Other Race	4	0%
Population Reporting Two or More Races	6	1%
Total Hispanic Population	23	3%
Total Non-Hispanic Population	790	97%
White Alone	86	11%
Black Alone	696	86%
American Indian Alone	2	0%
Non-Hispanic Asian Alone	0	0%
Pacific Islander Alone	0	0%
Other Race Alone	0	0%
Two or More Races Alone	6	1%

Population by Sex	Number	Percent
Male	405	50%
Female	408	50%

Population by Age	Number	Percent
Age 0-4	49	6%
Age 0-17	208	26%
Age 18+	605	74%
Age 65+	96	12%

Households by Tenure	Number	Percent
Total	288	
Owner Occupied	224	78%
Renter Occupied	64	22%

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.
 Source: U.S. Census Bureau, Census 2010 Summary File 1.

Ambient Air Monitoring Project in St. James Parish, Louisiana

Applicant Information:

Organization's Name: Louisiana Department of Environmental Quality (LDEQ)
Address: Post Office Box 4314, Baton Rouge, LA 70821-4314
Primary Contact: Mr. Peter Cazeaux, ES Manager
Contact Information: [[HYPERLINK "mailto:Pete.Cazeaux@LA.GOV"](mailto:Pete.Cazeaux@LA.GOV)] , Phone: (225) 219-3991
DUNS Number: 8099270560000

Set-Aside: No Set-Aside

Applicant Organization: LDEQ is the state agency whose mission is to provide service to the people of Louisiana through comprehensive environmental protection in order to promote and protect health, safety and welfare while considering sound policies that are consistent with statutory mandates.

Project Partners:

Table 1: Proposed Project Partners

Partner Organization	Primary Contact	Stakeholder Group
Louisiana Environmental Action Network (LEAN)	Marylee Orr, Executive Director	Community Grassroots Org
Rise St. James	Sharon Levigne,	Community Grassroots Org
St. James Parish President & Office	Pete Dufresne	Local Government
St. James Parish Councilman District 5	Clyde Cooper	Local Government
St. James Parish Councilman District 6	Vondra Etienne-Steib	Local Government
St. James Parish Councilman District 7	Donald Nash	Local Government
Mt. Calvary Baptist Church	Dr. Rev. Samuel Jones, Pastor	Faith-based
St. James Catholic Church	Rev. Matthew McCaughey, Pastor	Faith-based
Peaceful Zion Baptist Church	Rev. Ernest Landry, Pastor	Faith-based
Various Businesses and Industries	TBD	Business/Industry
St. James Department of Emergency Preparedness	Ryan Donadieu	Local Government
LA House Representative – District 58	Kendricks "Ken" Brass	State Legislator
LA State Senator – District 2	Edward J. "Ed" Price	State Legislator
Louisiana Department of Health	Dr. Courtney N. Phillips	State Government Agency
Coastal Protection and Restoration Authority Board	Kyle R "Chip" Kline, Jr.	State Government Agency
Louisiana Department of Natural Resources	Thomas Harris, Secretary	State Government Agency
Louisiana Department of Economic Development	Don Pierson, Secretary	State Government Agency

Project Location: Benefits of this project will primarily be realized by the Louisiana residents of St. James Parish who reside on the west side of the Mississippi River including the communities of Welcome, Freetown, St. James, Moonshine, and Vacherie. This would include the zip codes 70086 and 70090. In turn, it is also hoped that this project benefits the industries currently operating in this area and those proposing to do so, along with the entire parish of St. James and the state of Louisiana.

Air Pollutant Scope: The target air pollutants that are the focus of this proposal include the criteria pollutants sulfur dioxide (SO₂), nitrogen dioxide (NO₂), and particulate matter (PM) both 10 microns and smaller (PM₁₀) and 2.5 microns and smaller (PM_{2.5}). In addition to these four criteria pollutants the sixty compounds that are found on either the Hazardous Air Pollutants (HAPs) list or the list of ozone precursors as found in the Technical Assistance Document for Sampling and Analysis of Ozone Precursors for the Photochemical Assessment Monitoring Stations Program, Revision 2, and listed in Table 2 shall be thoroughly investigated. Continuous methane, non-methane hydrocarbons (NMHC), and total hydrocarbons (THC) will also be included in this investigation.

Table 2: Target Non-Criteria Pollutants

CAS Number	Chemical Name	HAP	PAMS	CAS Number	Chemical Name	HAP	PAMS
71-55-6	1,1,1-Trichloroethane	X		74-85-1	Ethylene		X
79-34-5	1,1,2,2-Tetrachloroethane	X		87-68-3	Hexachlorobutadiene	X	
79-00-5	1,1,2-Trichloroethane	X		75-28-5	Isobutane		X
79-00-5	1,1,2-Trichloroethane	X		78-78-4	Isopentane		X
75-34-3	1,1-Dichloroethane	X		78-79-5	Isoprene		X
75-35-4	1,1-Dichloroethylene	X		98-82-8	Isopropylbenzene		X
526-73-8	1,2,3-Trimethylbenzene		X	80-62-6	Methyl methacrylate	X	
120-82-1	1,2,4-Trichlorobenzene	X		163-40-44	Methyl tert butyl ether	X	
120-82-1	1,2,4-Trichlorobenzene	X		620-14-4	m-Ethyltoluene		X
95-63-6	1,2,4-Trimethylbenzene		X	108-38-3	m-Xylenes	X	X
78-87-5	1,2-Dichloropropane	X		106-97-8	n-Butane		X
106-99-0	1,3-Butadiene	X	X	110-54-3	n-Hexane		X
106-98-9	1-Butene		X	98-95-3	Nitrobenzene	X	
540-84-1	2,2,4-trimethylpentane		X	109-66-0	n-Pentane		X
75-05-8	Acetonitrile	X		1120-21-4	n-Undecane		X
74-86-2	Acetylene		X	611-14-3	o-Ethyltoluene		X
107-13-1	Acrylonitrile	X		95-47-6	o-Xylenes	X	X
107-05-1	Allyl chloride	X		622-96-8	p-Ethyltoluene		X
71-43-2	Benzene	X	X	74-98-6	Propane		X
100-44-7	Benzyl chloride	X		115-07-1	Propylene		X
74-83-9	Bromomethane	X		106-42-3	p-Xylenes	X	X
75-15-0	Carbon disulfide	X		100-42-5	Styrene	X	X
56-23-5	Carbon tetrachloride	X	X	127-18-4	Tetrachloroethylene	X	X
108-90-7	Chlorobenzene	X		108-88-3	Toluene	X	X
67-66-3	Chloroform	X			Total NMOC		X
74-87-3	Chloromethane	X		624-64-6.	trans-2-Butene		X
590-18-1	cis-2-Butene		X	79-01-6	Trichloroethylene	X	
75-09-2	Dichloromethane	X		79-01-6	Trichloroethylene	X	
74-84-0	Ethane		X	75-01-4	Vinyl chloride	X	
100-41-4	Ethyl benzene	X	X	1330-20-7	Xylenes (isomers and mixture)	X	X
75-00-3	Ethyl chloride	X					

Budget Summary:

EPA Funding Requested	Total Project Cost
\$479,958	\$479,958

Project Period: Work on this project will begin on the day an award notice, signed by the appropriate EPA grants officer, is received and accepted by the LDEQ, tentatively no later than December 15, 2022. The end date for this project will be three (3) years after commencement (tentatively December 15, 2025).

Short Project Description: This project is to establish and operate a Temporarily Located Community (TLC) air monitoring site, that provides the community a voice in the monitoring of their air quality, to the disproportionately overburdened and underserved area of St. James Parish located on the west bank of the Mississippi River. After community partners assist in determining what pollutants to monitor for and where to place the site, the deployment of the equipment will allow for near real-time air quality data availability for certain pollutants and the opportunity for further community involvement as we promote the site and how to access the data. To further increase community awareness our Louisiana Department of Health (LDH) partner through their Environmental Public Health Tracking (EPHT) also publicizes the data and educates the community concerning health risks.

II. Workplan:

Section 1 – Project Summary and Approach

A. Overall Project:

Temporarily Located Community (TLC) Air Monitors collect ambient air quality data in neighborhoods using EPA approved methods and protocols, for at least one year. TLC Air Monitors are ambient air monitoring trailers/shelters that are equipped to monitor continuously for “area-specific” regulated air pollutants. The data is collected, archived, made available to the public prior to data validation ([[HYPERLINK "https://airquality.deq.louisiana.gov/Data"](https://airquality.deq.louisiana.gov/Data)]) and provides timely data on the extent of outdoor pollution and air quality pollution trends of certain regulated pollutants. After consultation with our community partners, LDH’s Section of Environmental Epidemiology and Toxicology (SEET), and others, the final list of pollutants to be monitored and an initial list of preferred sites will be determined.

The appropriate equipment will be ordered. Sites will be evaluated, ranked and discussed until a consensus is reached. LDEQ shall negotiate a site access agreement. Equipment will be accepted using LDEQ’s standard acceptance criteria. If necessary, LDEQ’s Quality Assurance Project Plan for the Ambient Air Monitoring Project shall be revised. Once the site access agreement is finalized, preliminary site preparation will begin including application of ground cover (if needed) and installation of fencing. The trailer will be moved on site once any necessary buildout is completed followed by electrical installation and installation of equipment. All equipment will be calibrated and verified prior to start of monitoring.

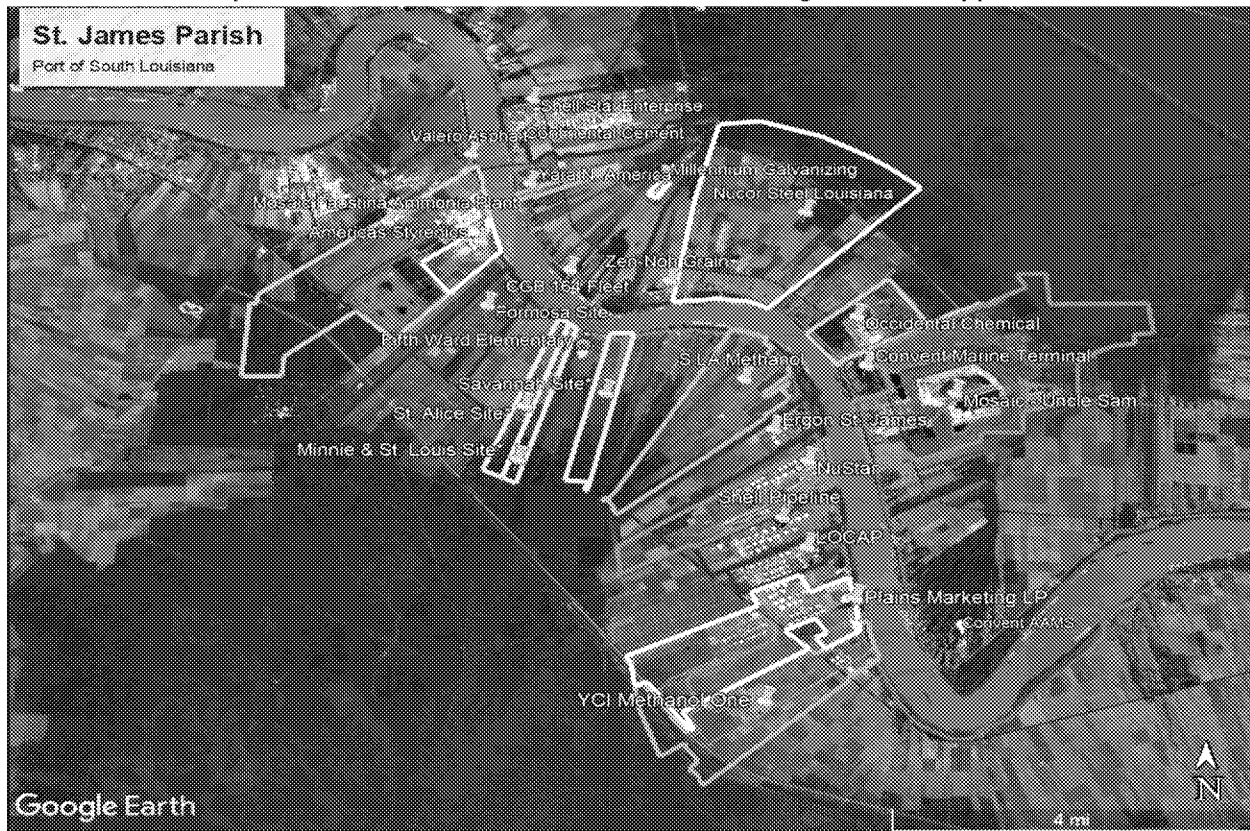
Once the TLC Air Monitor is commissioned, LDEQ shall invite the community, industry and local and state elected officials to view the system and get training on where to find the monitoring data and understand what the data means. To further increase community awareness our Louisiana Department of Health (LDH) partner through their Environmental Public Health Tracking (EPHT) also publicizes the data and educates the community concerning health risks. Monitoring will continue till approximately three months prior to the end of the three-year grant period during which time a final report will be developed and presented to all partners and interested parties.

B. Project Significance:

St James Parish straddles the Mississippi River and is part of the Port of South Louisiana, the largest tonnage port in the United States. For this and other reasons the areas along the river have become heavily industrialized (see Map 1 below) resulting in disproportionately overburdening its residents. When

Formosa Plastics proposed building a \$9.4 billion project made up of a 14-plant complex that would produce polyethylene, polypropylene, polymer and ethylene glycol some residents became very concerned about the additional emissions that it would bring on top of the pollution already there.

Map 1: St. James Parish – Industrial Facilities Along the Mississippi River



Data from the Toxic Release Inventory (TRI) for 2020 indicates 1.1 million pounds released to air. Air monitoring is necessary for this underserved community to be able to identify the environmental hazards present and to understand the current risks and the risks that may be involved with additional facilities.

Section 2 – Community Involvement

A. Community Partnerships:

LDEQ has a history of successfully working with the local communities and developing effective partnerships through its TLC program. LDEQ first engages with community, local government, and industry representatives to hear their concerns, determine which pollutants are to be monitored for and to help select the site for the monitoring station. Once the TLC Air Monitor is commissioned, LDEQ invites these same interested parties to view the system and get training on where to find the monitoring data, understand what the data means, and contact information for when there is a question. (See a copy of the flyer that was sent out to St. Rose environmental stakeholders informing them of a community meeting and its agenda, attached, *The St. Rose Community Air Monitor – The Transition After Commissioning*). When necessary, meetings may be called to provide updates or to elicit feedback from all those concerned.

In order that data is available to all partners and interested parties in a timely manner, LDEQ utilizes its web based system where unvalidated continuous hourly data is provided at the end of each hour. Five-minute or 10-minute averages are also available for certain pollutants. Results from canister samples may be downloaded online after they are received from the laboratory which usually takes about twenty-eight days from the date the sample was collected.

The Louisiana Environmental Action Network (LEAN) is one of the first of expected many to partner in this effort in ST. James Parish (see attached commitment letter). LEAN's goal is the creation and maintenance of a cleaner and healthier environment for all of the inhabitants of this state. Their stated purpose is to foster cooperation and communication between individual citizens and corporate and government organizations in an effort to assess and mend the environmental problems in Louisiana. They have over thirty years' experience with environmental issues and working to safeguard the underserved communities that do not have a voice.

LDEQ feels that all partners benefit each other as an understanding of each other's concerns are identified and trust is built. Accurate data provides invaluable information to all whether it be reassuring or provide challenges to be surmounted. Other partners, such as LDH, provide realistic and understandable explanations of risk while they in turn benefit by becoming more attuned to the concerns of others. All data is reviewed by LDH's Section of Environmental Epidemiology and Toxicology (SEET) that may provide an independent health consult.

B. Community Engagement:

LDEQ's first TLC Air Monitoring project began in St. Rose, LA in 2017 when members of LDEQ's Air Field Services met with community members to discuss the proposed air monitoring site and its location. With our local government partner a suitable site was located and an access agreement was expedited. The St. Rose TLC monitoring site began collecting data in May of 2018.

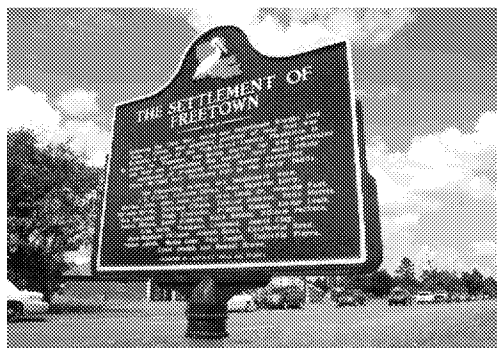
LDEQ repeated this success in Marrero, Jefferson Parish, and the Irish Channel using existing partnerships and creating new ones as we progressed. As a result of this work and future proposed work, in 2021, LDEQ

was awarded EPA's *Clean Air Excellence Award* for the TLC Ambient Air Monitoring Program and LDEQ "for outstanding, innovative efforts in improving air quality through community action" (see attached award).

Section 3 – Environmental Justice and Underserved Communities

In the 1700s the Chitimacha American Indian Tribe occupied the west bank of the Mississippi River in St. James Parish while the Choctaw nation occupied the east. The Chitimacha were a strong society, consisting of upwards of 20,000 people and divided into four sub communities defined by the areas in which they lived. They established large villages, raised crops and hunted. However, with the arrival of colonialists, the Chitimacha's existence became increasingly jeopardized. Initial exposure to European diseases resulted in epidemics, and this decrease in numbers was compounded by their unsuccessful fight against French resettlement from 1706-1718. Pressured by the Acadians looking for land, and weakened by conflict, smallpox, measles and alcoholism, the Chitimacha were all but obliterated. By the late 18th century, they had been reduced to a staggering 180 people, and some were being absorbed by the Houma, leaving little trace of their life in St. James.

By the early 1800s nearly 4000 Acadians had arrived and settled in Louisiana mainly in St. James Parish along the Mississippi River that became known as the Acadian Coast. The new arrivals learned new skills and shared what they brought with them with the many peoples already in the area including American Indians, free people of color, enslaved Africans and their descendants, and immigrants from Europe, Asia, and North and South America.



Sugar cane was cultivated on large plantations with the use of slavery until the Civil War when slavery was abolished. The Civil War also devastated the crops, the sugar mills, and the Southern economy. Freedmen were eventually able to purchase some properties where they built their homes in settlements that they called Freetown.

With reconstruction, many of the plantations remained intact. This provided for large tracts of land with frontage on the river that soon became ideal for industry to acquire. As industry moved in, those that could, moved out, leaving behind the less fortunate that could not afford to move or those that truly wished to remain a community.

St. James is a census-designated place in St. James Parish included in the area of concern. Its population was 828 as of the 2010 census and 592 with the 2020 census or a decrease of 28.5%. The 2020 census further shows that 89.36% are people of color with 86.32% identifying as Black or African American only and 10.64% as White. 28.5% are 65 years or older of which 10.0% live in poverty. Of those 18 years and younger, 39.3% live in poverty. 17.4% of the population is disabled. The EJ Index for 2017 Air Toxics Cancer Risk, Air Toxics Respiratory Health Index and Diesel Particulate Matter are all above the 90th percentile in the state.

The disproportional impact of COVID-19 on African Americans has been clearly demonstrated. It is also felt that those who are overburdened by air pollution are disproportionately impacted by COVID-19. The combined impact on the population of St. James, LA needs to be monitored with accurate data made available so that sensible solutions may be derived and meaningful changes can be made where needed.

Section 4 – Environmental Results – Outcomes, Outputs, and Performance Measures

A. Expected Project Outputs and Outcomes:

Outputs:

- Identification of air pollution;
- Community-specific assessments of air pollution data;
- Deployment of equipment to conduct air quality monitoring in or near underserved communities;
- Near real-time air quality data availability for communities and other stakeholders; and,
- Promotion of partnerships and community involvement through various activities and information exchanges.

Outcomes:

- Short-term Outcomes (i.e., a change in knowledge)
 - Problem identification.
 - Increased community awareness.
 - Increased access to information and tools that increase understanding and reduction of environmental and human health risks.
- Intermediate Outcomes (i.e., a change in behavior)
 - State or local policy action(s).
 - Mitigation action(s) from parties responsible for certain air pollution.
 - Community action to mitigate certain air pollutant(s).
- Long-term Outcomes (i.e., a change in conditions)
 - Reduction of certain air pollutant emissions.
 - Reduction of ambient concentrations of certain air pollutant(s).
 - Reduction of human exposure to certain air pollutant(s).

B. Performance Measure and Plan:

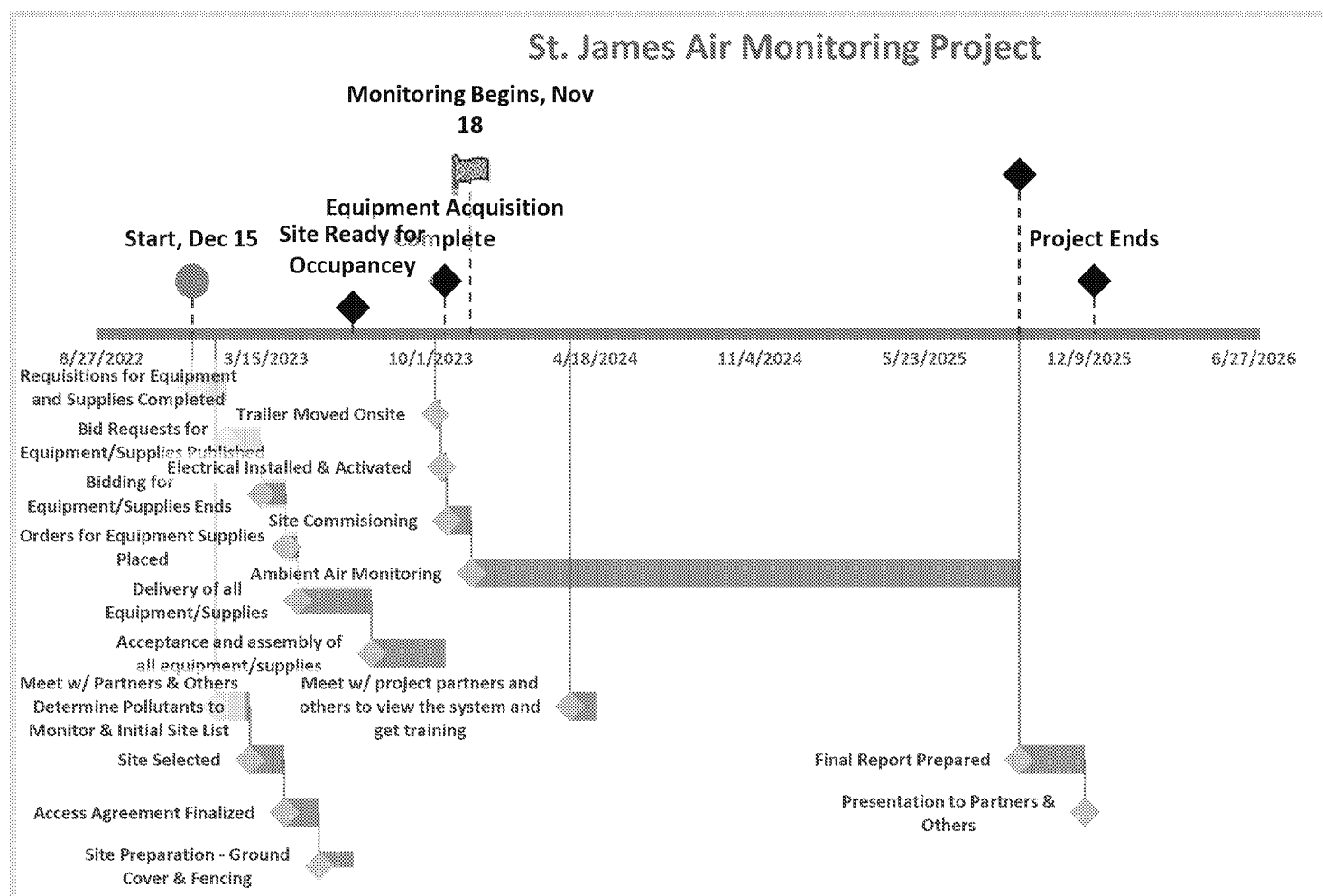
Throughout the life of the project, LDEQ will be tracking, measuring, and reporting various performance measures as indicated below at the appropriate time. At the start of the project, participation in stakeholder planning events and progress on expenditures and purchases will be reported monthly. After commissioning the site, performance indicators regarding the data and other events will be supplied quarterly. Community partners and other stakeholders will be queried as to any additional performance indicators that they feel appropriate.

Performance measures:

- Project progress on expenditures and purchases
- Accomplishments and proposed timelines/milestones

- Number of data made available for each parameter
- Data completeness for each parameter
- Number of participants participating in informational events
- Number of participants involved in stakeholder planning events and their role

C. Timeline and Milestones:



Start	End	Duration (Days)	Label
12/15/2022	1/25/2023	42	Requisitions for Equipment and Supplies Completed
1/26/2023	3/8/2023	42	Bid Requests for Equipment/Supplies Published
3/9/2023	4/7/2023	30	Bidding for Equipment/Supplies Ends
4/8/2023	4/21/2023	14	Orders for Equipment Supplies Placed
4/22/2023	7/20/2023	90	Delivery of all Equipment/Supplies
7/21/2023	10/18/2023	90	Acceptance and assembly of all equipment/supplies
1/12/2023	2/22/2023	42	Meet w/ Partners & Others Determine Pollutants to Monitor & Initial Site List
2/23/2023	4/5/2023	42	Site Selected
4/6/2023	5/17/2023	42	Access Agreement Finalized
5/18/2023	6/28/2023	42	Site Preparation - Ground Cover & Fencing
10/6/2023	10/12/2023	7	Trailer Moved Onsite

10/13/2023	10/19/2023	7	Electrical Installed & Activated
10/20/2023	11/18/2023	30	Site Commissioning
11/19/2023	9/15/2025	667	Ambient Air Monitoring
3/18/2024	4/18/2024	32	Meet w/ project partners and others to view the system and get training
9/15/2025	12/3/2025	80	Final Report Prepared
12/4/2025	12/4/2025	1	Presentation to Partners & Others

Milestones

Date	Label
12/15/2022	Start, Dec 15
10/18/2023	Equipment Acquisition Complete
6/28/2023	Site Ready for Occupancy
11/18/2023	Monitoring Begins, Nov 18
9/15/2025	Monitoring Ends, Sep 15
12/15/2025	Project Ends

Section 5-Quality Assurance Statement (See Appendix)

Section 6 – Programmatic Capability and Past Performance

A. Past Performance

LDEQ has participated in the following federally funded assistance agreements:

- PM 2.5 Grant
- Near-Road Grant
- SEJCA Grant

The LDEQ has been able to successfully complete all of our grant obligations to date. This has been accomplished through careful selection of the appropriate Project Manager and by having a dedicated staff that working on the grant projects.

B. Reporting Requirements

LDEQ report progress towards achieving the expected outputs and outcomes of all grant agreements in a timely manner. Report requirements for previous and current PM 2.5 grants have all been met and continues to be met. All reporting requirements of the Near-Road Grant were met as required and the site was brought on-line on time. LDEQ has met and continues to meet all requirements for the SEJCA grant.

C. Staff Expertise

Project Manager: Peter Cazeaux, Environmental Scientist Manager – Mr. Cazeaux has been with LDEQ air monitoring program for 25 years. He is currently the Environmental Manager of the Air Field Services section at LDEQ. He is responsible for managing the LDEQ Ambient Air, PAMs/Toxics and Mobile Air Monitoring (MAML) groups. He was born in the Ninth Ward of New Orleans and grew up in the industrialized portion of St. Bernard Parish. Some of the projects that Mr. Cazeaux has worked on are:

- Chalmette and Algiers Enhanced Air Monitoring Project.
- SO2 attainment issue St. Bernard Parish
- Temporary Located Community (TLC) Air Monitor Project.
- BP oil spill monitoring

Air Field Services, Air Planning and Assessment Division – The thirty-two member team of the Air Field Services has a combined 465 years of professional level ambient air monitoring experience. They operate an EPA approved network of 39 ambient air monitoring sites. They follow the Standard Operating Procedures that have been developed for the operation of the equipment in addition to regulations found on the CFR.

Section 7 – Budget

A. Budget Details

○ **Personnel**

The Total Personnel cost will be \$79,640.

- The Project Manager's annual salary is \$79,185. The PM will devote approximately 6.25% of each year towards this project. A total of \$14,851 will be needed for this position for 3 years. Time will be spent on such activities as planning, meetings and data review.
- Environmental Scientists Supervisor annual salary is \$73,632. ES Supervisor will devote Approximately 10% of each year towards this project. A total of \$22,090 will be need for this position for 3 years. Time will be spent on training and data review.
- The Environmental Scientist's annual salary is \$63,814. The ES will devote approximately 17.5% of each year towards this project. A total of \$33,503 will be needed for this position for three years. The ES will be responsible of setup, collection and shipment of samples. The ES will be responsible for QA/QC checks and sampler maintenance.
- The Environmental Chemical Specialist Advanced annual salary is \$91,957. The Environmental Chemical Specialist will devote approximately 5% of each year towards this project. A total of \$9,196 will be needed for this position for two years. The ECS will be responsible for validating the data, reviewing and analyzing the data for trends, and completing reports.

○ **Fringe Benefits**

- Fringe Benefits = Salary and Wages @ 51.56% x Total Personal cost of \$79,640.

The total cost for the Fringe Benefits will be \$41,067.

○ **Travel**

- LDEQ will not have any travel cost calculated in this budget.

○ **Equipment**

The following pieces of equipment will need to be purchased:

- Fencing = \$5,500
- Trailer w/ Buildout (7x20) = \$30,000
- Data Logger (ESC Model #8872) = \$13,000
- Zero Air Generator -Teledyne Model 701H = \$9,444

- Dynamic Dilution Calibrator -Teledyne Model # 700 = \$17,265
- 2 VOC Canister Samplers – XonTeck 911 = \$13,300
- Multi-Canister Sampling Adapter – XonTeck 912 = \$6,650
- SO2 Analyzer - Teledyne Model T100 = \$14,697
- NO/NO2/NOX Analyzer - Teledyne Model T200 = \$16,148
- PM10 & PM2.5 Mass Analyzer - Teledyne T640x = \$39,892
- TEI 55i Methane/NMHC Analyzer = \$36,646
- Meteorology - \$9,450
- Tower, Installation, Wiring. Sensors (WS, WD, AT, RH, BP)

○ **Contractual**

The total contractual cost will be \$62,060.

- Wireless Plan will be needed at \$50/month for 28 months = \$1,400
- The Canister Analysis at \$330 x 85 canisters/year x 2 years = \$56,100
- Third Party Audits will need to be conducted at \$570/audit x 4 analyzers x 2 years = \$4,560

○ **Other**

The Total Other cost will be \$10,260.

- Ground cover/limestone will need to be purchased to level the area around the site and prevent vegetation from growing. This will cost \$1200.
- Installation of electrical pole and connection will cost \$3,200.
- The trailer delivery/setup will cost \$1,200.
- Two AC units will be required to maintain the site temperature. This will cost \$2,000.
- A COR IBR200 router/Cradlepoint will need to be purchased to poll data from the data logger. This will cost \$350.
- A site safety ladder will need to be purchased to allow access to the site roof. This will cost \$1,000.
- A manifold and blower will need to be purchased to collect samples. This will cost \$1,182.
- A manometer will be needed to monitor the manifold pressure. This will cost \$28.
- Teflon tubing will need to be purchased for sample, calibration and exhaust lines for a cost of \$100.

○ **Indirect Charges**

The total indirect cost will be \$74,944 at a negotiated Indirect Cost Rate of % 62.09.

○ **Total Project Cost**

The Total project cost will be \$479,958. See Budget Table 3.

B. Budget Table

Table 3. Project Budget for the St. James Ambient Air Monitoring Project.

	Description	Total
Personnel	<ul style="list-style-type: none"> Project Manager @ \$38.08/hour x 2.5 hours/week on project for three years (156 weeks) = \$14,851 Environmental Scientist Supervisor @ \$35.40/hour x 4 hours/week on project for three years (156 weeks) = \$22,090 1 Environmental Scientist 3 @ \$30.68/hour x 7.0 hours/week on project for three years (156 weeks) = \$33,503 1 Environmental Chemical Specialist Advanced @ \$44.21/hour x 2 hours/week on project for two years (104 weeks) = \$9,196 	\$79,640
Fringe Benefits	<ul style="list-style-type: none"> 51.56% of Personnel Total (51.56% X \$147,689) 	\$41,062
Equipment (for purchases greater than \$5,000 per unit)	<ul style="list-style-type: none"> Fencing = \$5,500 Trailer w/ Buildout (7x20) = \$30,000 Data Logger (ESC Model #8872) = \$13,000 Zero Air Generator -Teledyne Model 701H = \$9,444 Dynamic Dilution Calibrator -Teledyne Model # 700 = \$17,265 2 VOC Canister Samplers – XonTeck 911 = \$13,300 Multi-Canister Sampling Adapter – XonTeck 912 = \$6,650 SO2 Analyzer - Teledyne Model T100 = \$14,697 NO/NO2/NOX Analyzer - Teledyne Model T200 = \$16,148 PM10 & PM2.5 Mass Analyzer - Teledyne T640x = \$39,892 TEI 55i Methane/NMHC Analyzer = \$36,646 Meteorology - \$9,450 Tower, Installation, Wiring. Sensors (WS, WD, AT, RH, BP) 	\$211,992
Contractual	<ul style="list-style-type: none"> Wireless Plan \$50/month for 28 months = \$1,400 Canister Analysis \$330 x 85 canisters/year x 2 years = \$56,100 Third Party Audits - \$570 x 4 analyzers x 2 years = \$4,560 	\$62,060
Indirect Costs	<ul style="list-style-type: none"> IDC Rate Agreement of 62.09% of Salaries and Fringe Benefits (\$120,702 X 62.09%) = \$74,944 	\$74,944
Other	<ul style="list-style-type: none"> Ground cover / limestone = \$1,200 Installation of electrical pole and connection = \$3,200 Trailer delivery/setup = \$1,200 AC Units (2 required) = \$2,000 Router - Cradlepoint COR IBR200 = \$350 Site Safety Ladder = \$1,000 Manifold Parts & Blower = \$1,182 Manometer = \$28 Teflon Tubing = \$ 100 	\$10,260
		479,958

C. Expenditure of Awarded Grant Funds

All distribution of funds is controlled by our Financial Services Division. Equipment greater than \$5,000 must be purchased following strict procurement regulations by the Office of State purchasing. It is anticipated that requisitions for this equipment will be sent to Procurement the same week that the grant is awarded. Also, excel spreadsheets will be maintained by our Financial Services Division and the project manager to track spending of these funds.

Appendix

- **Quality Assurance Statement**

LDEQ currently has two EPA approved QAPPs including the QAPP for Photochemical Assessment Monitoring and Toxics Sampling Network and the QAPP for Ambient Air Monitoring Project.

LDEQ Quality Control (QC) is composed of a set of internal tasks performed routinely by site operators that ensures representative, high quality and defensible ambient air quality data. QC tasks address all aspects of monitoring and reporting. Examples include automated calibration checks, instrument diagnostics, preventative maintenance, data review, and documentation.

For gaseous pollutant instruments, LDEQ conducts QC checks using automated calibration systems to confirm network instruments' ability to respond to known concentrations of gas. These checks are conducted at zero, precision, and span level concentrations. Precision level checks generated during automated calibrations represent the required one-point QC check as required in 40CFR Part 58 App. A.

If any QC checks are found to be outside of the acceptance criteria, a weight of evidence evaluation will be performed as outlined in 40 CFR, Part 58, App. A. Per section 1.2.3, Failure to conduct or pass a required check or procedure, or a series of required checks or procedures, does not itself invalidate data for regulatory decision making. Rather, LDEQ shall use the checks and procedures required in this appendix in combination with other data information, reports, and similar documentation that demonstrate overall compliance with Part 58.

The degree of variability in each of these measurements is computed as the precision of those instruments' measurements. Site operators and data analysis unit monitor the results of these checks and will take action if the results fall outside of acceptable limits.